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# Crawford



# Avalanche

JUSTICE AND RIGHT

VOLUME FIFTY THREE

## SCHOOLS OFFERED CASH PRIZES

The Children's Fund of Michigan in an effort to increase interest in health teaching and practices among children from the rural areas of the state announces the opening of a Health Contest for Rural Schools. The contest will run from November 16th, 1931 to April 1, 1932 with twenty-two prizes, varying in size from \$25 to \$150 for the winning schools, arranged as follows:

To consolidated schools in rural areas three prizes:

First prize—\$150.

Second prize—\$100.

Third prize—\$75.

Total—\$325.

To other rural schools nineteen prizes:

Eight first prizes of \$50 each, \$400.

Eleven second prizes of \$25 each, \$275. Total \$675.

Grand total \$1,000.

The conditions of the contest are:

1. Contest to be limited to counties having a health program sponsored in whole or in part by the Children's Fund of Michigan.

2. Rural schools to be defined as those serving communities of 2,500 or less inhabitants.

3. Program of school health activity competing to be submitted to local representative of the Children's Fund of Michigan and approved at the home office by November 15th, 1931.

4. Progress made during the school year to be finally judged by home office, or a special committee, on April 18th, 1932.

5. Prizes awarded to be expended only for playground equipment.

6. The program selected by the teachers may be based upon the needs of their school as shown by the "School Health Record" chart or the survey recently completed.

7. Rural schools of one, two, and four rooms and consolidated schools to be considered as a unit.

Each rural school whether consolidated or composed of one or more rooms is to be considered as a unit with the award based on progress in all the rooms in any school competing.

The necessary steps to be taken by teachers in the rural schools to enter contest are as follows:

1. A letter from the county superintendent of schools to the Children's Fund of Michigan giving his approval of the entry.

2. Submission of health program for approval.

3. Submission of records of accomplishment for judging contest.

4. Agreement in writing to expend prize money for playground equipment.

The basis of award will be the actual progress made in overcoming the health handicaps present in the school as shown by definite improvement in group practices, in environment, and in individual health habits of school children.

## CAR LICENSE NUMBERS WILL IDENTIFY COMMUNITIES

Definite allocations of 1932 automobile plates in consecutively numbered blocks are being made by the Department of State. Because of this each section and community of the State will be identified by the name on the plates.

## CHRISTMAS GREETING CARDS

The plates to be issued in Crawford county will be numbers from 1-029-751 to 1-030-450. Those from Roscommon county will be from 1-117-051 to 1-118-550. Otsego county will be from 1-025-151 to 1-026-150.

In announcing these assignments, Secretary of State Frank D. Fitzgerald expressed dissatisfaction with the large hard-to-read seven figure plates. A plan is being worked out to do away with the large figures in 1933.

## EAT MORE POTATOES TO BOOST MICHIGAN

One inexpensive way in which housewives can boost Michigan products is by the use of potatoes which may be utilized in everything from soup to candies, according to nutrition specialists at Michigan State College.

One ideal serving of food supplies food elements in the proportions of one unit each of calories, protein, calcium, phosphorus, and iron, while potatoes supply these in the following proportions: calories, 1; protein, 1.1; calcium, 0.7; phosphorus, 1.6; iron, 3.2.

Miss Roberta Hershey, Michigan State College extension nutrition specialist, offers a few different ways of preparing potatoes—soft-boiled, a la Goldenrod, soup, muffins, Spanish, Oak Hill, diamonds, and Dutch. For the potato muffins 1 1/2 c. flour, 1/2 t. salt, and 4 t. baking powder are sifted together. To 1 c. cold mashed potato, add 1/2 cup milk and stir until well mixed. Combine the two mixtures and then add two well beaten eggs. Add 2 t. melted shortening. Place in greased muffin tin and bake in a moderate oven 375 degrees F. about 30 minutes.

Housewives are warned that a good potato cannot always be told by its outside appearance. One which shows a green skin will taste bitter when cooked, for it has grown too close to the surface and has been sunburned. The wisest course for the homemaker is to choose medium-sized potatoes that feel firm when pressed in the hand. Dry, mealy potatoes are best for mashing and baking, and the more waxy varieties are most suitable for salad and creaming since they will hold their shape.

Bake potatoes frequently, Miss Hershey urges. Brush the skins with fat before placing in oven and eat the skins. A large proportion of the minerals is found directly under the peeling. When done, crack the skin to let out the steam. Cook potatoes in their jackets often; as much as 20 per cent loss may result from paring before cooking.

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You're going to need Christmas cards. Why wait until the rush. We have some beautiful new lines of samples; handsome ones at little cost and exquisite designs at slightly higher prices. No other family in Grayling will have cards like yours for we do not sell duplicates. Phone No. 111 for samples or call and see them. All plainly priced.

## NOTICE

The last week a large number of street lamps, shades and sockets have been deliberately broken by youngsters throwing stones or using slingshots. Monday morning it was necessary to install thirteen new lamps, twelve of which were broken by stones. We are in receipt of the names of several of these boys and unless this unnecessary destruction of property is discontinued immediately prosecution will follow.

Don Reynolds, Local Manager, Michigan Public Service Company.

## DEER LICENSES ON SALE

Michigan's 1931 deer licenses went on sale this week with more than 1,000 Conservation Department agents in both peninsulas prepared to distribute them.

The buttons of the resident licenses are tinged green, and those of the non-resident licenses are tinged yellow.

## CHILD WELFARE MEETING NOVEMBER 9

The Governor's Conference on Child Health and Protection which will convene in the State Capitol Building in Lansing on November 9 at the call of Governor Brucker will bring together in a three day session specialists and laymen interested in every phase of child health and welfare.

Soaking any kind of fresh meat in water before cooking is a mistake. It draws out the juices which give the characteristic flavor and add to its food value. If the meat needs cleaning, wipe it off with a damp cloth or trim it.

GRAYLING, MICHIGAN, NOVEMBER 5, 1931

OSCAR P. SCHUMANN, Editor and Proprietor

NUMBER 45

## GENERAL GUY M. WILSON MARRIED

Maj. Gen. and Mrs. Guy M. Wilson, formerly Mrs. Mildred LeMaire, are en route to Washington and a tour of the Eastern states following their marriage in the parish house of St. Michael's Roman Catholic Church at noon Wednesday. Msgr. Patrick R. Dunigan, pastor of the church and a World War chaplain who saw service with Gen. Wilson in France, officiated at the brief wedding ceremony.

Col. Thomas Colladay, of Flint, was best man and Mrs. William Mader, Jackson, was matron of honor at the wedding. Msgr. Dunigan started the service with a prayer and blessed the wedding ring with a rosebud.

Mrs. Wilson is the daughter of Robert Eder, Jackson, and was a nurse in the war. After their Eastern tour, the couple will return to Gen. Wilson's home at 210 Seventh Ave., Flint.

## ABOUT WINTER SPEARING

While the winter spear fishermen have been given more waters in which to fish and added species to take, the time in which they may pursue their favorite sport has been shortened.

While during 1930 winter spearing for certain species was permitted on inland lakes "during the time these lakes were frozen over," during the coming winter, spearing will be permitted only during the months of January and February. However, spearing will be permitted in all inland waters, except that it will be unlawful to spear in trout streams and quasi-trout streams at any time.

During the winter of 1930, only pickerel, mullet, suckers and redear could be speared in the inland lakes. During the coming winter the use of spears will be permitted during January and February in the inland waters for carp, sheepshead, suckers, mullet, redear, lake trout, emerald, pike (great northern), grass pike and pickerel) muskellunge, whitefish, ciscoes, pilchard or menominee whitefish, dogfish and garpike.

Spearing is not permitted with the use of a jack or artificial light at any time.

Fishing with the use of hook and line or ice lines only is permitted during the winter for all species during the respective open seasons. Black bass may be taken to December 31, and pike, bluegills, sunfish, warmouth bass and perch may be taken to March 31. Rock bass, calico or strawberry bass and shippies were removed from the list of game fish by the last legislature and may now be taken in any waters open to fishing at any time of the year, and there is no minimum size limit.

Spring spearing in non-trout streams, for carp, suckers, redear, mullet, dogfish and garpike will be limited in the upper peninsula from March 1 to May 15 and in the lower peninsula from March 1 to April 30.

Winter fishermen who enjoy their sport with ice lines may now use not to exceed five single hooks which may be attached to not more than five single lines.

Farm ice fishermen were restricted to not to exceed five lines with a single hook attached, but now may use five hooks on one line only if they so desire.

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## ODD THINGS AND NEW—By Lame Bode



## THE ROAD TO BETTER HEALTH

### SORE THROAT

(By Dr. William J. Scholes.)

"If it isn't better tomorrow, we shall call the doctor." It would be much better to call him today—the first day of that sore throat. By tomorrow, there may be no question about the sore throat being diphtheritic. A day will have been lost. And the loss of each day is serious in a case of diphtheria.

From 12,000 to 15,000 people die annually in the United States from diphtheria. Statistics show that almost all of the cases which are treated with adequate amounts of antitoxin on the first day of the disease, recover. The death rate increases with each day's delay in the administration of antitoxin. So the necessity of an early recognition of this disease, in order that effective treatment may be promptly instituted, is apparent.

### Recognizing Diphtheria

The sore throat of diphtheria may easily be confused with less serious sore throats. Diphtheria is recognized by the general symptoms, the formation of a false membrane in the throat, and the examination of throat cultures. In some cases no membrane can be seen, but there is a sore throat and the germs of diphtheria are present. One form of diphtheria is membranous. Spots or patches may form in the throat as a result of other infections.

### Children Greatest Sufferers

It is among children that diphtheria takes a heavy toll. Between the ages of two and twelve is the period of greatest susceptibility. But it is possible for diphtheria to occur earlier than this, and older children and adults are often affected.

The severity of the symptoms are not always in proportion to the seriousness of the disease. On the first day of the disease, diphtheritic patients usually do not appear to be in any more danger than those who have tonsillitis. What appears to be a trivial sore throat in the beginning may prove to be a dangerous case of diphtheria if neglected.

The nature of every sore throat should be determined without delay, particularly in the case of children. (Copyright, 1931, by The Bonnet-Brown Corporation, Chicago.)

### WOMAN'S CLUB NOTES

The first regular meeting of the Woman's club was held Monday evening, November 2nd, at the home of Mrs. T. P. Peterson. After roll call and payment of dues, the President, Mrs. L. D. Heribson, gave a short address and welcomed the new members. The music committee then presented the following program, which was very enjoyable:

### "Ave Maria," "Sonny Boy," Miss Claire Jacques.

"Sylvia"—Miss Veda Hermann.

"The World is Waiting for the Sun-Rise"—Miss McAllister, Miss Hermann and Mrs. Milnes.

"Roses of Picardy," "Where My Caravan Has Rested"—Mrs. R. O. Milnes.

"Narcissus," "Songs My Mother Taught Me," "My Heart at Thy Sweet Voice"—Miss Louise McAllister.

A lovely lunch was served by the Social committee.

An electric waffle iron should never be greased. If the waffle sticks, try adding one or two extra tablespoons of melted shortening to the batter.

tomers this summer, but we like the old ones also. Some have been with us nearly ten years.

We never deliver milk that is more than eighteen hours old, so our customers know they always get fresh milk, and not two or three days old.

A lot of people do not like pasteurized milk and will not use it as long as they know they can get clean raw milk. And when anyone thinks of passing laws about milk it is time they find out where they stand and study up a little on the milk law.

Anyone who knows anything about milk for children, will say that clean, raw milk is the best food, as Nature made it and intended it to be used as a food.

Raw milk can be kept clean just as well as any other food can. But at the same time it needs the best of care to keep it clean, and the dairymen who has any pride in clean milk and tries to keep it clean can do so. Heat will kill germs, but will it remove any impurities that might be in the milk?

The Creamery is one of the most important business places in town; because where milk comes from several farms, pasteurizing is the only thing, then the milk is all the same grade.

This is not written with the idea of sales, nor to knock, but to let the public know that there are dairies that have, and still do, produce clean milk.

## CRAWFORD AVALANCHE

F. Scholman, Owner and Publ.  
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Roscommon per year \$2.50

THURSDAY, NOVEMBER 5, 1931

## PREPARE CARS FOR COLD WEATHER

THINNER LUBRICANTS; CLEAN AND CHECK COOLING SYSTEM

Don't wait until after the first frosts to have your car gotten ready for the winter. Practice preparedness. Have the cooling system protected against freezing. But also protect transmission, universal joints, rear axle and steering gear against the damage that may result if lubricants turned almost solid by the cold fail to reach the highly polished surfaces that turn, roll or slide one against the other. This is the advice given to all motorists by a well-known service manager. He adds the recommendation that the owner always take his car to the authorized service station of the manufacturer where the mechanics are guided by information based on the maker's experience.

Because a frozen cooling system makes itself known by steaming of the radiator soon after the engine is started and because most of us have some idea of the amount of damage that occurs to cylinder jackets, water pump, and radiator when water freezes in the cooling system most car owners need little encouragement to bring them to a filling station or garage for alcohol or other anti-freeze solution when the weather turns cold.

The wise motorist, however, takes his car to the service station for a complete checking up. The cooling system is drained completely and thoroughly flushed out. All hose connections are checked up and any that are badly oil soaked or cracked or leaking are replaced. If the car has been in service for many months a chemical treatment is recommended to loosen up any scale or sediment that may have accumulated in jackets and radiator, followed by such thorough flushing as will get rid of the loosened material.

It is possible for the owner to clean and flush a cooling system, but it is at best a rather nasty, dirty job to do it properly. First, it is important that the chemical cleansing material be so handled that no injury to the system or the finish of the car will result.

When the chemical cleaner has loosened accumulations of foreign material the job of cleaning the system is only half done. The upper and lower radiator hose connections must be removed in order that the sediment may be flushed out completely from both radiator and cylinder jackets. In the service station fresh water or water with compressed air is forced into the bottom of the radiator through the lower connection and the water and sediment are carried away from the top of the radiator. By flushing opposite to the direction of normal circulation any particles of rubber from hose lining that may have lodged at the upper ends of the water passages are washed out. The cylinder jacket is flushed from the top downward. The chemical nature of most cleaners is such that care must be taken not to spill any of the solution on paint or lacquer or on electrical connections. If the solution is allowed to remain in a cooling system for 5 minutes while the car is operated the radiator filler cap gasket must be tight, to prevent any leakage of compound onto body or body. After draining, the cooling system should be flushed several times, so as to remove all of the acid, which is injurious if allowed to remain.

### Chassis Lubrication

Lubricants for transmission, universal joints, rear axles and steering gears must be sufficiently fluid at operating temperature to reach the bearing surfaces. In cold weather many lubricants become as solid as laundry soap or, to use the homely expression, "as stiff as molasses in January." When gears run channels in stiff lubricant or revolving parts throw the lubricant onto the surfaces of the housing and it sticks there and no longer reaches the surfaces that require oil film for protection more wear will take place in a few minutes running un lubricated than in months or years of normal service.

Difficulty in shifting gears, particularly into low and reverse, on a cold morning in the transmission is still filled with summer lubricant may give the driver some idea of the resistance which oil frozen almost solid offers to the movement of gears in both transmission and axle. Now that many makes of motor vehicles are equipped with transmissions having the second and third speed gears consistently in mesh the proper lubrication of the transmission is all the more important.

Modern steering gears require a lubricant soft or fluid enough to follow the working parts and in order to prevent wear must have

higher lubricant in winter than in summer.

The factory service department of every motor car manufacturer experiments with various lubricants, different types of radiator cleaning and anti-freeze preparations and keeps all authorized service stations informed regarding the results of such experiments and tests in order that the car owner may be protected from making any mistakes that would interfere with the proper and economical operation of his car or truck.

If you are using figured curtains in a room, choose a material with a background the same color as the walls but slightly darker. The principal color in the design of the curtain material should repeat the color of the rug or upholstery. Use curtain material only when the walls give a plain effect.

Spanish cream is a delicious dessert made from milk, eggs, and gelatin. The proportion is one envelope, or two ounces, of gelatin to one quart of milk and from 2 to 5 eggs, according to the desired richness, the season for eggs, or the number available. Half a cup of sugar and a fourth of a teaspoon of salt will be needed and 1 teaspoon of vanilla or any preferred flavoring. Soak the gelatin in half a cup of cold milk for two minutes. Heat the remainder of the milk, add salt and sugar, and the dissolved gelatin. Beat the egg yolks, add, cook until the mixture looks like custard, take from the fire and fold in the stiffly beaten egg whites, and add the vanilla. Pour into a mold. Serve with or without plain or whipped cream or a fruit sauce.

## Local Happenings

Next Wednesday is Armistice Day. Mrs. C. C. Wescott of Ypsilanti is the guest of her mother Mrs. J. K. Hanson.

Miss Aileen Pervis spent Saturday in Rose City visiting her brother Leo Pervis.

Earl Nelson has returned from Milwaukee, Wis., and expects to remain here.

Regular meeting of Grayling Chapter, O. E. S. will be held Wednesday evening, Nov. 11th.

More help is needed at the slide. Take your ax, spade or garden rake and give the fellows a lift.

Mr. and Mrs. Frank Anstett of Saginaw visited at the home of Mr. and Mrs. Roy Barber Thursday.

Miss Ellen Gothro is spending a few days in Bay City at the home of Mr. and Mrs. Clarence Brown.

Another big dance at the Hayloft Saturday night. Don't forget the new prices, 50c per couple, extra lady 25c.

The Woman's Home Missionary society will meet at the home of Mrs. Chris Hossli on Wednesday afternoon, Nov. 11th.

Sunday guests of Mr. and Mrs. A. Eckenfels were Mr. and Mrs. E. F. Collins of Mt. Pleasant and Mr. and Mrs. Paul Beals of Harrison.

Mr. and Mrs. F. A. Eckenfels spent Wednesday in Harrison at Budd's, guests of Mr. and Mrs. E. F. Collins at their summer home.

Mrs. James W. Sorenson passed away at her home this morning at ten o'clock after a lingering illness. Funeral arrangements have not been made.

Mrs. June Bridges Underwood, daughter of Mr. and Mrs. Frank Bridges, has just returned from Asheville, N. C., where she has been in the study of music for the past 6 years at the Harmony Hall, Asheville, N. C. She will remain here indefinitely and will teach classes in piano, vocal and Hawaiian guitar. Mrs. Underwood is a product of Grayling school, is highly accomplished and greatly admired by a host of friends who will welcome her home.

### COAL CO. RENDERS NEW SERVICE

The Mosher Coal & Supply Co. now offers "Basket" service to their customers, at 40c per basket. Bring your own basket or bag to the Mosher Service station on U. S. 27. Ten lots of \$7.50 delivered.

Ford Coke, per ton, \$10.50. Diversified.

Adv.

### LEGION MEN ATTEND DISTRICT MEETING

Post Commander Alfred Hanson, Clarence Johnson, Harry Hemmington, Otto Failing and Wilfred Laurent attended a district meeting of the American Legion held at Midland Monday night and report a fine time. A banquet, a program of speeches with an address by Governor Brucker who was the main speaker, and a dancing party, made the convention a very pleasant affair. Clarence Johnson speaking for Grayling extended an invitation to the crowd to hold their next district meeting in Grayling, which will be some time in the latter part of February or the first of March. He warned the invitation by telling them that the Winter Sports activities would be in full swing and they could enjoy this fine sport in connection with the meeting.

He told of the new site and the work Grayling was doing, and there were over 200 men and women present at the meeting. Grayling's Winter Sports were widely advertised.

The invitation was accepted with a lot of enthusiasm so Grayling American Legion will be busy now planning for this big affair. Last summer in June they held a very successful district meeting with about 100 present.

## STURGEON TAKEN FOR SEA SERPENTS

"Sea Serpents" reported as seen in practically every one of the Great Lakes adjoining Michigan every year are probably only large fresh water sturgeon in the opinion of the Fish Division of the Conservation Department.

There are large sturgeon in all of the Great Lakes, the unexpected sight of which would probably be enough to frighten anyone, the Division said. The larger of the lake sturgeon will weigh 200 pounds or more and are from six to eight feet long. They appear gigantic when they are seen just below the surface of the water. For two years now the sturgeon has been completely "protected" in Michigan waters.

Spanish cream is a delicious dessert made from milk, eggs, and gelatin. The proportion is one envelope, or two ounces, of gelatin to one quart of milk and from 2 to 5 eggs, according to the desired richness, the season for eggs, or the number available. Half a cup of sugar and a fourth of a teaspoon of salt will be needed and 1 teaspoon of vanilla or any preferred flavoring. Soak the gelatin in half a cup of cold milk for two minutes. Heat the remainder of the milk, add salt and sugar, and the dissolved gelatin. Beat the egg yolks, add, cook until the mixture looks like custard, take from the fire and fold in the stiffly beaten egg whites, and add the vanilla. Pour into a mold. Serve with or without plain or whipped cream or a fruit sauce.

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## News Review of Current Events the World Over

Echoes of the Hoover-Laval Conference—Tremendous Victory of British Conservatives—Japan Doesn't Weaken in Manchurian Affair.

By EDWARD W. PICKARD

DEMOCRATIC financial experts in the Senate are proposing the creation of a \$2,000,000,000 pool by the government for immediate rediscounting of frozen real estate securities and other slow paper in the hands of banks. The plan was put forward by Senator Bulkley of Ohio, who called it a corollary of the Hoover emergency economic program. He urged that it should be carried out through an established government agency rather than a new one, and suggested the federal bank. His idea is that the government should loan bonds to raise the huge sum, believing that such an issue would do a lot in drawing currency out of hoarding.

The largest sturgeon in captivity today in Michigan lives in one of the trout rearing ponds at the Paris State fish hatchery. This specimen, about six feet long, weighs about 150 or 160 pounds. It is attracting hundreds of the people to the pond every year. The fish was taken a year ago while rainbow trout and pike-perch were being transferred over the Neoga Dam. Two smaller sturgeon are kept in a nearby pond. These fish are retained in the ponds for a practical purpose. The sturgeon is a "bottom" feeder and lives on the food which reaches the bottom which the trout will not eat. Ordinarily sanitary measures are required to maintain healthy fish and to avoid disease, and ponds containing one or two sturgeon are continuously kept clean.

ALICE MAY SMITH WEDS FRANK DORR BEFORE 200 GUESTS

The marriage of Miss Alice May Smith, daughter of Mr. and Mrs. A. W. Smith, 1510 Tuscola Street, and Frank W. Dorr, son of Mr. and Mrs. August J. Dorr, Washington road, took place yesterday morning.

SECRETARY OF WAR HURLEY, on his return to Washington, reported to President Hoover what he learned in the Philippines, and immediately thereafter Mr. Hoover announced that in his opinion independence for the islands at this time, without assurances of economic stability, would lead to disaster. He knows, however, that a large group in each house, perhaps a majority, is in favor of independence.

SUBSCRIPTIONS to the half billion dollar private pool formed according to the President's proposal have been coming in so plentifully from all parts of the country that its managers informed the President it was about time to put the credit-extension plan into operation by helping banks turn their good but frozen assets into cash for business purposes.

Hopeful of buoyant results from the plan, the administration has dropped for the time being its contemplated action for strengthening railroad bonds. One reason for this is the belief of officials that no such move should be made while the railroads still are considering the intensive commerce commission's proposal that they pool revenue from specific rate increases to aid weaker roads.

A CAPONE, who was sentenced to eleven years in prison and fined \$50,000 by Federal Judge Wilkerson in Chicago for income tax fraud, is to remain in the county jail there until the United States Court of Appeals passes on his case. He hoped to be released on bail but this appeal court refused, though it decreed that he should not be sent to Leavenworth immediately, as Judge Wilkerson preferred.

Philip D'Audrea, Capone's bodyguard during the trial, was sentenced to six months in jail by Judge Wilkerson on the charge of contempt of court. He was found to be carrying a revolver into the courtroom, and the judge considered him a part of the hoodlum organization that tried to intimidate the government witnesses.

PROMINENT men who passed away during the week included Ronald W. Boyden, American member of the world court at The Hague; John M. Bowbien, president of a great hotel corporation, and Charles A. Comiskey, owner of the Chicago American League baseball club.

PRESIDENT GUIGUARI of Paraguay was forced out of office by outbreaks of his opponents, led by students, and the presidency was taken over by Vice President Nájera.

It is not at all surprising to learn that the Third International is blamed for the outbreaks in Cyprus their troops in Manchuria to the railway zone before November 16, when the council will reassemble; they committed the Chinese government to repair at once a river bridge which was damaged by bombs from their own planes; and now they have sent, through Foreign Minister Shishihara, a "friendly warning" to the Soviet Russian government urging that Russian troops demonstrate on the Manchurian-Siberian border be discontinued. Baron Shishihara told Moscow he was deeply concerned over these military movements and that they were

and the unrest in Malta. The colonial office in London has known for some time that the Communists were working in those islands through the British branch of the League Against Imperialism, and it was discovered the other day that the Communists had planned to blow up the Immense naval and private stores of oil in Cyprus. It was also learned that Maltese organizations have called on their merchants scattered throughout the Mediterranean to join in a boycott of British goods.

ONE must admire the nerve and steady persistence of Japan even if her rights and motives are questionable. As the Manchurian affair stands now, the Japanese are ready to fight China if that is necessary to enforce their demands, though they protest only peaceful intentions; they have sided with the League of Nations, refusing to listen to the order of the League council that they withdraw

from Manchuria.

Lewis Albert Pensek will manage the White Sox baseball team of Chicago for the next two years, succeeding Denis Walsh. Only thirty-two years old, he is the youngest pilot in major leagues. His plan to keep his place at hot field.

Read your home paper. Subscribe for the Avalanche.

Father Sage Serves

The reason we men over forty or much salary as his wife thinks he ought to have is because

there isn't that much money.

## MAKING APOLOGIES

By THOMAS ARKLE CLARK  
Former Dean of Men,  
University of Illinois.

I suppose at one time or another in his life each one of us innocently or accidentally or under the stress of emotion does something rude or annoying or painful to his friends. Floyd kicked me on my ear as we were starting to church last Sunday, but, of course, that was an accident, for which he begged my pardon at once. Mrs. Core's statements irritated me beyond control a few months ago, and I blurted out just what I thought. It was the truth which I uttered, but rather rude, cruel truth which wounded her pride, and brought her to tears. I knew at once that I had done a discourteous thing, and I was truly sorry and said so almost as soon as my tongue had slipped. She has never gotten over it, however.

Sheehan became very angry with me last summer about a thing which I had in fact not done at all, but of which he could not be convinced. After questioning my veracity, he said some extremely insolent things and slammed the door as he went out of the room. Now Sheehan is young and impulsive, and will probably have more self-control twenty years from now than at present, and I made some allowances for his rage.

I saw him frequently afterwards, but he never saw me. He was occupying himself with the display of haberdashery in the shop windows when we met or with the clouds drifting across the blue sky, so that I did not seem to come within the range of his vision. Just recently he wanted some special privilege very badly which I only could grant. He came into the office quite embarrassed to make apology for what he had said.

"What can I do to show that I am sorry for what I said?" he asked.

"Suppose you speak to me when we meet," I

## AGRICULTURAL NOTES



The adult clothes moth does not grow in size and does not eat at all during its brief lifetime. The female usually lives about 12 days. When she has ceased laying eggs dies within a day or two. The moth larva, or worm, is the one that eats your winter clothes.

Gasoline taxes brought in a net revenue of \$246,373,000 in the first six months of 1931, according to reports by the Bureau of Public Roads. The money will be used chiefly for road building. Nearly 7,218,000,000 gallons were taxed, or 4% per cent more than in the same period last year.

The chief weather signs preceding a frost are a clear sky, a temperature of 40 degrees F. or lower, and little wind say Weather Bureau experts. The principal requirement for frost when the temperature is not too high is abundant radiation of heat from the earth, with but little return radiation. A moderate wind usually prevents frost by mixing the warmer air above with the colder surface air. When heavy lower clouds cover the sky they send back much radiation to the earth below, keeping it fairly warm and preventing frost.

Important considerations for wintering bees are: plenty of young bees; a good queen; enough good-quality stores; sound hives, and protection from cold and dampness. A colony needs from 25 to 40 pounds of stores. If there is not enough honey of good quality for the bees to consume during the winter, syrup made of granulated sugar is safe and just as good as honey. Provide the stores early enough so it will not be necessary to feed or open the colony after cold weather. Do not leave honeydew honey in the hives, as it may cause dysentery. Honey which have a high percentage of gums (most tree honeys) are not so desirable for winter stores.

Khaki-colored mineral-dyed canvas is much more serviceable than the ordinary white canvas for uses on the farm as covers for machinery, sacked grain, shocks, and wagons and as awnings and temporary shelters. Mineral-dyed khaki is more durable and more resistant to mildew. Paint manufacturers sometimes

## Dress and Character

By THOMAS ARKLE CLARK  
Former Dean of Men,  
University of Illinois.

Philip Dormer Stanhope, fourth Earl of Chesterfield, was born more than two hundred and fifty years ago—to be exact, on 1041—and yet as we read his shrewd and sensible advice to his son as contained in his letters, he might almost have been born and writing in our own day. Youth wants nothing so little as advice, and though the precepts which the Earl laid down for the conduct of his son were worthy of consideration, his biographer tells us that they left the boy "still shy, awkward, taciturn, and immature."

Lord Chesterfield recognized the great value of careful dress and the revelation of character as seen through the attention which men give to their personal appearance. We could well listen to his words today if we are not too firmly settled in our habits to change either our character or our dress.

"I cannot help forming some opinion of a man's sense and character from his dress," he says, "and I believe most people do as well as myself. Any affection whatsoever in dress implies in my mind a flaw in the understanding. A man of sense carefully avoids any particular character in his dress; he is accurately clean for his own sake; but all the rest is for other people's. He dresses as well, and in the same manner, as the people of sense and fashion of the place where he is. If he dresses better, as he thinks—that is more than they—he is a fop; if he dresses worse, he is unpardonably negligent; but of the two, I would rather have a young fellow too much than too little dressed; the excess on that side will wear off with a little age and reflection. But if he is negligent at twenty, he will be a sloven at forty, and stink at fifty years old."

Upholster Tell A 101  
(© 1931, Western Newspaper Union.)

"Clothes tell a lot."

In the early days of Washington's administration, he was fond of cards and billiards, and sometimes spelled it "Leu" in his diary. Washington's fondness for cards and billiards shows in his diary account where before he became President he often recorded that he had been "home all day at cards" and itemized purchases of "one dozen cards playing cards."

Washington's natural fondness for horses and racing and sometimes cock-fighting during his life, was entirely in keeping with the traditional tastes of the Virginia gentleman. He not only subscribed liberally to most of the racing purse but ran his own horses, attending in person, and betting moderately on all the results. He was fond of riding to hounds, and when at Mount Vernon this was one of his favorite pastimes.

He loved hunting and fishing and dragging for sturgeon, too, and often went duck hunting. Although these pursuits were for the most part impossible while Washington was in office, he did occasionally manage to slip away. In 1799 a paper records:

"Yesterday afternoon the President of the United States returned from Sandy Hook and the fishing banks, where he had been for the benefit of the sea air, and to amuse himself in the delightful recreation of fishing. We are told he has had excellent sport, having himself caught a great number of black sea bass and black fish—the weather proved remarkably fine, which altogether with the salubrity of the air and wholesome exercise, rendered this little voyage extremely agreeable, and cannot fail we hope of being serviceable to a speedy and complete restoration of health."

Both the President and Mrs. Washington were exceedingly fond of the theatre in spite of the vigorous opposition accorded this art in every state in the Union. During his Presidency, Washington used the theatre for entertaining, his ledger showing purchases of tickets bought and sent to various ladies and gentlemen with the invitation to occupy a seat in his box.

In a few instances it has been necessary to take special measures to hold down the number of rabbits. Last year, for instance, a "drive" was organized to move rabbits from Grosse Isle. The Gull Lake Sanctuary near Battle Creek was recently opened to rabbit hunting by the legislature in an attempt to stop damage to nearby fruit trees and shrubbery.

Hunters also help to control rabbits in areas where the state and private interests are engaged in pine reforestation. Rabbits, particularly snowshoes, in the vicinity of recent pine plantings will at times destroy all the seedlings and transplants before they are large enough to have gained a start.

In western Kansas, winter wheat planted on summer fallow produced on the average nearly twice as much grain as on cropped fields.

A quarter of a million highway traffic signs have been erected by D. C. ("Dusty") Rhodes during the twenty years he has had charge of the sign posting work of the Automobile Club of Southern California. There are now 64 varieties of signs in the state. More than half are caution signs, including warnings of hospital zones, railroad crossings, fire stations, city limits, slow bridges, winding roads, slippery surface roads, pedestrian crossings, one way street, drivers, etc.

An average cow needs about 136 cubic feet of air each hour, or about 200 pounds of air every day.

### This Woman Lost 64 Pounds of Fat

Mrs. H. Price, of Woodside, L. I., writes: "A year ago I weighed 180 lbs. I started to take Krascher and now I weigh 126 and never felt better in my life and what's more, I look more like 20 yrs. old, than the mother of 2 children, one 19 and the other 18. Every one of my friends say it's marvelous the way I reduced."

To lose fat with speed take a half teaspoonful of Krascher in a glass of hot water before breakfast every morning—don't miss a morning—an 8 oz. can bottle lasts 4 weeks—get it at Miss A. Gideons or any drug store in America. If not joyfully satisfied after the first bottle—money back.

ISN'T NATURE  
WONDERFUL? SHE  
GROWS US SO  
MANY GOOD THINGS  
TO EAT.

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## AMUSEMENTS OF THE FIRST PRESIDENT

That both the President and Mrs. Washington suffered from homesickness while in executive residence in New York and Philadelphia, is recorded in history. Mrs. Washington wrote to Mrs. Fanny Washington whom she had left in charge at Mount Vernon: "I never go any place. Indeed I think I am more like a state prisoner than anything else; there is certain bounds set for me, which I must not depart from, and as I cannot do as I like, I am obstinate and stay at home a great deal."

The President, in writing to a friend in Virginia regarding the dignity of his position, said, "God knows it has no charms for me. I had rather be at Mount Vernon with a friend or two about me, than to be attended at the seat of government by officers of state and representatives of every power in Europe."

Yet, we are informed by the United States George Washington Bicentennial Commission, there was no lack of gaiety in either city with a continual round of balls, dinner-parties, theaters, concerts, and other diversions, and if the Chief Executive and his wife could not join in the most exciting pastimes of the capital, they could at least follow their inclinations in many respects.

In Colonial times there was a passion for gambling in certain quarters, and bets were placed on all games. *Loo* or as Washington sometimes spelled it *"Leu"* was the most popular, and it was no uncommon thing for a man or woman to win or lose two or three hundred dollars at a sitting. There is no record, however, of Washington's winning more than three pounds, or of losing more than nine pounds, fourteen shillings and nine pence. In fact, Washington always played for small stakes. He seemed to be interested in the game and the diversion it afforded rather than in the winnings.

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## Interesting Events In Grayling 23 Years Ago

INTERESTING ITEMS OF NEWS GATHERED FROM THE FILES  
OF THE AVALANCHE OF 23 YEARS AGO.

Thursday, October 29, 1908

The "Old Man" of the Avalanche, and his wife quietly celebrated their 44th wedding anniversary last Sunday. Happy yet.

Hon. Eugene Foster of Gladwin, Republican candidate for state senator, was in town Thursday afternoon for a little visit with old friends and forming new acquaintances.

George Hartman and wife were in town last week and bought a house on Maple street and will be welcomed as residents of this village after November.

Mr. and Mrs. E. N. Salling came over from their home in Manistee Monday for their regular fall visit. Our people are all glad to notice improvement in health and hope it will prove permanent.

O. W. Roeter, manager of the Central Drug Store, is made glad by the arrival of his family from Saginaw, who are now residents of our village. They are nicely domiciled in the new cottage on the corner of Lake and Maple streets.

A. Cramer of Bay City, who is employed by F. R. Deckrow as a plumber, went home Saturday for a visit with his family.

A surprise party was given last Friday evening at the home of Edna Wingard in honor of her birthday. A very enjoyable time was had by all.

Ira H. Richardson of South Branch was in town the first of the week, happy and hustling as ever, but like all the rest of us was waiting for rain.

F. R. Deckrow is putting in a steam heating plant in the Editorial home. If it does not work right we will advertise so no one else will get caught.

Game and Fish Warden R. S. Babcock captured some fish nets in Houghton Lake the first of the week. He would much rather have caught the parties who were doing commercial fishing in that water.

Mrs. M. Taylor of Toledo, Ohio, formerly of this city is spending a few days with friends and relatives here. She says she is greatly pleased with the improvements here in the last few years.

Next Tuesday will end the agony of all the candidates for office. Those who win will be glad, and most of those who lose will be disappointed for nearly everyone is sure of success today. When the votes are counted all will know.

Cards are out announcing the marriage of Frank D. Phelps of the village and Miss Eva Hinds of Flint, at that city on the 25th inst. "At Home" in Grayling after December the 1st. Mr. Phelps is one of our most popular young men, and his bride will be warmly welcomed with him by our people.

The long looked for and prayed for rain reached this section early Saturday morning, and continued most of

the day, sufficient to allay all further fear of forest fires, and to give a start to the grain that has been put into its dust bed in the past two months. More is needed.

Lowell's Local (23 Years Ago)

Dr. Underhill is painting his tenant house and also building an addition to the same.

The Ausable Forest Farm received 2000 strawberry plants Wednesday. W. B. Crall sold 200 acres of land to Mr. Stone.

The Feldhauser Bros' clover seed yielded 5% bushels per acre. We are going to have a turpentine plant at Lowell's. This is not wind, it is business. The Crown Chemical Co. have secured the site for this plant, also a large acreage of stumps. They expect to commence the erection of their plant soon. What is the matter with Lowell's now?

Thursday, Nov. 5th, 1908.

Born to Mr. and Mrs. Aristed Charon, Oct. 25, a 9 pound girl.

H. A. Bauman is home for a visit and to vote.

H. Bates had the misfortune of losing one of his heavy team horses last Sunday.

A. B. Failing's fine year old driver died last Sunday after twelve hours sickness.

L. P. Gard, proprietor of the bowling alley has designated Thursday as Ladies Day each week.

L. McCallamore of Lowell's lost his house and contents by fire yesterday morning. Lost estimated at \$1,500, partly insured.

Miss Alexander came up from Detroit Monday and returned Wednesday. She is engaged as one of the secretaries for the Y.W.C.A. in that city. Her friends here will regret that she does not remain with us. While they will congratulate the Detroit society for being able to obtain her services and influence.

Election results.

At the election Tuesday the Republicans elected every one of their candidates except for sheriff Charles Amidon, Democrat, had a majority of 32 over Wm. S. Chalker, Republican. The candidates elected are as follows:

Sheriff—Charles Amidon, Judge of Probate—W. Batterson.

Clerk—J. J. Cullen.

Treasurer—A. B. Failing.

Register of Deeds—R. W. Brink.

Prosecuting attorney and circuit court commissioner—G. Palmer.

Congressmen—Dr. S. N. Insley and Dr. C. H. O'Neill.

Surveyor—E. P. Richardson.

William Howard Taft, republican candidate for president of the U. S. had a majority over William Jennings Bryan of 345.

Fred M. Warner, republican, had a majority of 101 over Lawton T. Hemans, democrat, for governor.

Instead of serving the same type of menu day after day, introduce a little variety in plan, yet have the kinds of food needed for a balanced diet. If you have been accustomed to serving a fruit for dessert and a starchy vegetable with the meat, have a fruit appetizer and a starchy dessert, for a change. For example, cantaloupe for the appetizer, or fruit cup, and hot gingerbread with or without cream, for dessert.

To make popcorn balls at home, make a syrup of 1 cup of water, 1/2 cup of sugar, 2 tablespoons of vinegar, and 1/2 teaspoon of salt. Cook until the syrup hardens when dropped in cold water. Then add 1 teaspoon of vanilla, and pour over 2 quarts of freshly popped popcorn, and mix well. When cool enough to handle, butter the hands, and mold

or without cream, for dessert.

## The High Notes

By THOMAS ARKLE LARK  
Dean of Men, University of Illinois.

A great artist was criticizing the work of his students. A hundred or so were ranged in front of him while the work which each had been doing for a week or so was spread out before him on a huge easel. He would glance at these half-dozen sketches, perhaps and then make his criticism. It was strange how little there was out of the commonplace. There were men and women trying to be great, trying to do something that would bring them out of the crowd, and failing far short of it.

"There is nothing outstanding in these," he would say. "They have no blazes, no sparkle, no snap. There are no contrasts, no higher notes, just one dull, commonplace monotone."

"What you should do," he would continue, "is to put life into what you are painting, color, big contrasts."

As I looked at the group whose work the artist was criticizing, it seemed to me that the things they were doing were in most cases pretty much representative of their own characters.

There was a slender, pale youth among the group, with a feminine voice and figure. He did not like outdoors. The work which he did was pretty, delicate, refined and full of detail, but it was weak, without either daring or originality.

There was, in striking contrast to this delicate youth, a husky, stocky athlete, who might have been a prize fighter.

"I'm curious to see what his pictures will be like," I said to the young woman who sat beside me.

When they were arranged upon the easel, they almost shamed at us. There was a perfect blaze of color, put on with the boldest strokes. There was nothing pale or weak or sickly about his work, as there was nothing of these qualities in him.

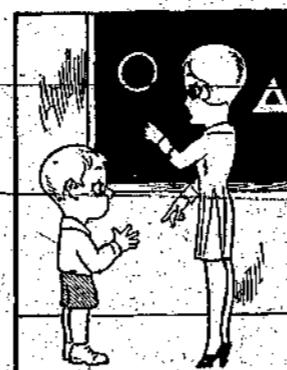
The trouble with the lives and work of too many of us is, that they are drab, without sparkle or high notes.

(1931 Western Newsender column.)

## Meet "Lindy D"



## IN BUSH LEAGUE



Teacher—Edie, give me a description of the butterflies.

Edie—Can't. I don't know much about that team.

## HAS BEST CHANCE



## GABBY GERTIE



The girl who can tell a good story generally weeps a loan.

## Eddy Goodfellow



Eddy Goodfellow is the star center of the Falcon hockey club of Detroit. Last season he was runner-up for the league's high scoring title.

Subscribe for the Avalanche.

5,005 MILES OF 16 FT. ONE COURSE GRAVEL IN CRAWFORD COUNTY ON M-98 GRAYLING NORTHEAST.

PROJECT M 020-16 C-1

Sealed proposals will be received at the office of the Division Engineer, A. L. Burridge, Cadillac, Michigan until 10:00 o'clock a. m., Eastern Standard Time, Tuesday, November 13, 1931 for improving 5,005 miles of road in Grayling Township, Crawford County.

The work will consist of grading and shaping the road, constructing the necessary drainage structures and surfacing to a width of 16 feet with one course gravel.

Specifications and proposal blanks may be obtained at the office of the Division Engineer at the above address and at the State Highway Department, Lansing, Mich. Plans may be examined at the above address but will be furnished only from the Office of the Chief Engineer of the State Highway Department upon the receipt of a deposit of Five Dollars which will be refunded upon their safe return within thirty days from date of receipt of bids. Deposits of currency will not be accepted.

One of the primary objects of placing this project under construction at this time is to assist in the relief of unemployment in the locality in which this project is located. Bidders must familiarize themselves with the requirements set forth in the proposal governing the employment of labor and must bid with the understanding that the full cooperation of the successful bidder will be expected.

A certified check in the sum of Twelve Hundred (\$1200.00) Dollars, made payable to Grover C. Dillman, State Highway Commissioner, must accompany each proposal.

The right is reserved to reject any or all proposals.

GROVER C. DILLMAN,  
State Highway Commissioner,  
October 28, 1931.  
Lansing, Michigan.

## MORTGAGE SALE

Default having been made in the conditions of a certain mortgage made by John E. Westcott, a widower, to Archibald Howe and Lydia A. Howe, dated the 2nd day of August A. D. 1926, and recorded in the office of the Register of Deeds for the county of Crawford and State of Michigan, on the 14th day of September A. D. 1926 in Liber H of mortgages, on page 819 on which mortgage there is claimed to be due at the date of this notice, for principal and interest and taxes the sum of one thousand three hundred thirty-eight and eighteen hundredths dollars, and an attorney's fee as provided for in said mortgage, and no suit or proceedings at law having been instituted to recover the monies secured by said mortgage, or any part thereof.

Notice is hereby given, that by virtue of the power of sale contained in said mortgage, and the statute in such case made and provided, on Saturday the 16th day of January, A. D. 1931, at 10 o'clock in the afternoon, the undersigned will, at the front door of the Court house, in the Village of Grayling, that being the place where the Circuit Court for the county of Crawford is held, sell at public auction, to the highest bidder, the premises described in said mortgage, or so much thereof as may be necessary to pay the amount so as aforesaid due on said mortgage, with five per cent interest, and all legal costs, together with said attorney's fee, to wit: the south half of the northwest quarter and the northeast quarter of the southeast quarter of section sixteen, town twenty-eight north, range three west, Maple Forest Township, Crawford County, Michigan.

Dated September 8th, 1931.

Earl F. Case, administrator.

Elmer G. Smith, attorney for Plaintiff.

Dated October 19th, A. D. 1931.

10-22-13

## MORTGAGE SALE

Default having been made in the conditions of a certain mortgage made by Harlan P. Smith to William Corning, dated the 1st day of June, A. D. 1927, and recorded in the office of the Register of Deeds for the county of Crawford and State of Michigan, on the 9th day of July, A. D. 1927 in Liber D of mortgages, on page 61, on which mortgage there is claimed to be due at the date of this notice, for principal and interest, the sum of four hundred dollars, and no suit or proceedings at law having been instituted to recover the monies secured by said mortgage, or any part thereof.

Notice is hereby given, that by virtue of the power of sale contained in said mortgage, and the statute in such case made and provided, on Saturday the 16th day of December, A. D. 1931, at 10 o'clock in the forenoon, the undersigned will, at the front door of the court house, in the Village of Grayling, that being the place where the Circuit Court for the county of Crawford is held, sell at public auction, to the highest bidder, the premises described in said mortgage, or so much thereof as may be necessary to pay the amount so as aforesaid due on said mortgage, with five per cent interest, and all legal costs, together with said attorney's fee, to wit: the south half of the southwest quarter of section thirty, town twenty-five north, range three west, Beaver Creek Township, Crawford County, Michigan.

Dated September 8th, 1931.

Earl F. Case, administrator.

Elmer G. Smith, attorney for Plaintiff.

Dated October 19th, A. D. 1931.

10-22-13

## MAC & GIDLEY

Registered Pharmacists

Phones 18 and 341 Grayling

WM. H. MOSHIER

LICENSED MASTER

Plumber

Grayling, Mich.

Phone 47.

License No. 119

ALBERT J. REHKOPF

Plumbing

Steam and Hot Water Heating

Repair Work given prompt attention

AT HANSON'S HARDWARE

Phone 21

Free Methodist Church

(South Side)

Sunday services: 10:00 a. m.

Preaching Service: 11:00 a. m.

Evangelistic Services: 7:30 p. m.

Everybody invited.

REV. IRA GRABILL

G. F. DeLaMater Co.

SURVEYORS

Maps, Plats and Plans for Lake and Stream Development

HIGHWAY SURVEYS

G. F. DeLaMater

Frank N. Smith

Grayling, Mich.

AT  
**Hanson Hardware**  
 Company's

**This Week**

Ivory and Green Pans, your choice, each **29c**  
 Roasters **79c** and **99c** Dust Mops, each **47c**

Toilet Paper, 1,000 sheet rolls 3 for **19c**

Thin Water Glasses, 6 for **25c**  
**48c** per dozen

Lots of other bargains; come in and look them over.

PHONE 21

**News Notes**

THURSDAY, NOVEMBER 5, 1934

John Braun was in Lansing Tuesday on business.

Carl Loskos and little son Roger returned to their home in Grand Rapids Friday, after a two weeks visit here with his mother Mrs. Kate Loskos.

Dan Flynn of Rose City is spending a few days at the home of his daughter Mrs. Menno Corwin. He is receiving medical treatment at Mercy Hospital.

The Grange is still in the race for the Red Arrow money prize. Anyone wishing to contribute to this worthy cause should send their coupons to Mrs. Seelye Wakley.

A son James Henry was born to Mr. and Mrs. Roy Butler, October 27.

Mr. and Mrs. John Harris of Grayling visited Mr. and Mrs. E. N. Davreau Monday.

Sweet cider made from Northern Spy apples, 25c per gallon. Five gallons and over 20c per gallon.

Arthur Wondt. Adv.

The Lumberjack basketball team had their first regular practice Monday night with most of the old gang out.

Dr. G. B. Moffat, director of the Consolidated District Health Department will attend the Governor's conference on child health, to be held in Lansing on November 9.

Red Arrow money will be accepted with much appreciation by the Ladies Aid of Michelson Memorial church who are working for second place in the Red Arrow contest.

D. Treveeno of Cadillac visited his daughter Mrs. Louise Connine Monday and Tuesday.

Adolph Peterson has been ill at his home for the past week and his condition remains about the same.

Bernard and Bryan Brady of Detroit are visiting at the E. J. Calahan and John Brady homes.

Dickie Dawson, little son of Mr. and Mrs. Earl Dawson had his tonsils removed at Mercy Hospital Monday. Crawford County Grange enjoyed a chicken dinner at the farm home of Mr. and Mrs. George Annie Sunday.

Mrs. Herbert Gothro returned from Oscoda Monday where she visited her brother and family for a couple of weeks.

Mrs. Kate Loskos was in Bay City recently visiting her new grandson, Conrad Eugene Ekkens, who was born to Mr. and Mrs. Clarence Ekkens on October 22nd. The mother was formerly Gertrude Loskos.

The remains of Mrs. Lucille Baker, widow of the late Alfred Baker were brought to Grayling Friday and interred in Elmwood cemetery besides the remains of her late husband, Mrs. Baker, who was well known in Grayling, passed away at her home in Flint, Oct. 18.

Mrs. Herbert Ward was in Bay City Saturday consulting Dr. P. R. Urnstrum an eye specialist about her left eye that she suffered such a severe injury to in a recent automobile accident. She was accompanied by her sister Mrs. Albert Schroeder and Billy McLeod.

Since starting last Saturday we have winter-tuned a large number of autos. See our advertisement on the last page and note the generous service we offer for only \$6.00. That is cheaper than you can do it yourself. Phone Schram's Service station. We will call for your car and return it when ready.

Rome Beauties from Bangor sounds like a queen contest, but instead it is the name of one variety of apples that are raised there so abundantly. A tempting box containing Rome Beauties and Golden Delicious apples was received at the Editorial sanctum Tuesday, sent to us by our good friend L. M. Edwards, a former employee here. Bangor is certainly a great apple country.

Mr. and Mrs. Paul Hopkins of Flint and Jack Donnell of St. Louis, Mo., were guests of Mr. and Mrs. E. G. Clark and family Saturday and Sunday.

Mrs. Carl Doroh and daughter Wanda and the former's father, W. H. Keitzbeck left Tuesday morning to spend a few days in Flint and Detroit.

The Ladies Aid of Michelson Memorial church will meet with Mrs. T. P. Peterson on Friday, Nov. 6th.

Anyone having Red Arrow money please bring it with them.

Mr. and Mrs. Albert Roberts and family drove to Reed City Sunday. They accompanied home Mr. and Mrs. Henry Roberts who have been visiting here for several weeks.

William Porter employed as a woodman near Frederic received an injury to his back Tuesday afternoon, when he was struck by a large limb from a tree. He is a patient at Mercy Hospital.

A marriage license has been issued to Ezra Highland, Frederic and Emma Johnson, Frederic and also an affidavit for a marriage license to Fred E. Medendorp, Grayling and Paney Nichols, Grayling.

Mr. and Mrs. Roy Billings of Bay City were visitors at the home of A. E. Hendrickson this week.

They returned to Bay City today accompanied by Mrs. Billings' father, John Snogren, who had been visiting here.

Mrs. Nick Schlotz was in Saginaw last week in attendance at the Smith-Dorr wedding. On her return, she was accompanied by her uncle John Olson, who remained for a short visit with relatives and old friends.

Lawrence Kearney of Muskegon, who had been visiting his sister, Sister Mary Stells at Mercy Hospital for about three weeks returned home Thursday. He was accompanied by Sister Mary Stells, as far as Reed City, where their mother resides.

Mr. and Mrs. Harley Kennedy entertained a number of friends Friday evening at their home in honor of their wedding anniversary. In keeping with Hallowe'en the house was decorated very tastefully and the evening spent in dancing and games. The hostess served a delicious lunch.

Mr. Harris of the State Highway Department was in town Wednesday securing right of way for proposed M-76, the contract of which is scheduled for this winter. Mr. Harris has been very successful in negotiating with the land owners, holding the acreage over which the road will be built.

Harvey Hemmingson, yard foreman for the Kerr & Hanson Flooring Company was the victim of a serious accident this morning at about eight o'clock, when he accidentally got his head caught between a couple of logs in the yard where he had a crew at work. He is at Mercy Hospital where it was found that he had suffered a fractured skull and other head and face injuries.

About 40 friends and members of the L. N. L. gathered at the home of Mr. and Mrs. Paul Feldhauser Wednesday evening for a social meeting. Pinwheels and peddlers were played, prizes being won by Mrs. Fern Feldhauser and Mrs. Beth Williams. The ponyo prize was won by Grandma Dutton. At eleven o'clock the committee served a delicious lunch. Everyone present voted a most enjoyable time.

Mrs. C. R. Keyport and Mrs. C. G. Clippert are enjoying a ten day pleasure trip. They left Grayling at 4:30 o'clock Tuesday morning and arrived in Indianapolis, a distance of 425 miles, at 5:30 in the evening, where they were guests of Mrs. Clippert's brother Lloyd M. Webb. After a few days there they will go to Nashville, Tenn., to visit Miss Jane Keyport at the Ward-Belmont School for girls. Returning they will stop in Chicago where they will visit Dr. Preston Bradley, pastor of the People's church, who is a cousin of Mrs. Clippert.

Paul Hendrickson is in Gaylord on business.

Miss Viva Hosell is spending the week at the George Mallinger home in Higgins Lake.

Mercy Hospital Aid society will meet at the home of Mrs. Henry Baumann on Thursday, November 12th.

Have your car winter-tuned. Read in our display advertisement what we will do for \$6.00. Leo Schram Service Station. Adv.

Miss Retta Leadbeater, student nurse is at her home in Vanderbilt recuperating from a recent appendix operation.

Mrs. Peter Smith who had the misfortune to fall ill at her home Sunday night is getting along nicely at Mercy hospital.

Mr. and Mrs. Anton Kangas and family and Mr. and Mrs. Carl Tahvonen spent Sunday in Lewiston visiting friends.

Miss Nellie Turpua of Lewiston visited at the home of Mr. and Mrs. Carl Tahvonen a few days the latter part of the week.

Misses Elaine Duby and Mamie McRae of Cheboygan have entered Grayling Mercy Hospital Training school for nurses.

There will be a meeting of Grayling Rebekah Lodge No. 352, Thursday evening, Nov. 12. Report from assembly meeting will be given.

Dr. C. G. Clippert and daughter Billyann and Mr. and Mrs. E. H. Webb are spending the day at the Webb farm home in Mt. Pleasant.

Coal by the basket or ton. Soft coal \$7.50 and Ford coke \$10.50, delivered. Mosher Coal & Supply Co. Leave orders at Mosher Service station. Adv.

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Leave orders at Mosher Service station for coal and coke. Adv.

Marcus Schaaf, state forester was in Grayling Monday on business.

Mr. and Mrs. A. J. Trudeau and son of Midland spent the week end at the home of Mr. and Mrs. Herbert Trudeau.

Mr. and Mrs. Roy Billings of Bay City were visitors at the home of A. E. Hendrickson this week.

They returned to Bay City today accompanied by Mrs. Billings' father, John Snogren, who had been visiting here.

Mrs. Nick Schlotz was in Saginaw last week in attendance at the Legion hall next Tuesday evening, November 10th.

Mr. and Mrs. Leo Jorgenson and daughter Leone and Mr. and Mrs. Oliver Cody and family spent Saturday in Cadillac.

Mrs. Fred Stollfus and her niece Miss Doris Rich of Cleveland spent the week end at the home of Mr. and Mrs. Roy Butler.

Mrs. George Mallinger and children Joseph, Marie, and Kathryn left Sunday to spend the week in Detroit and Pontiac.

Mr. and Mrs. G. B. Moffat are entertaining the former's parents, Mr. and Mrs. J. K. Moffat of Toronto, Canada, this week.

Misses Bunny Montour and Mary Mahnken went to Bay City Tuesday to visit Miss Evelyn Johnson. They returned Wednesday.

Miss Clara Bugby and Mrs. Don Reynolds entertained a few of their friends at a Hallowe'en party at the home of the former Saturday night.

Time to order your Christmas greeting cards now. A fine line to select from. We'll hold them for you until Christmas. Avalanche Office.

Mrs. A. J. Joseph and Mrs. Frank Rockwell of Gaylord drove to Traverse City Tuesday to visit Mr. and Mrs. Alvin Burch, the former who is ill.

A small blaze caused from a defective chimney at the Cash & Carry Store caused a lot of excitement, but slight damage early Saturday afternoon.

Misses Mary Montour and Helen Elaine McLeod entertained six little guests at a Hallowe'en party Saturday, Oct. 31 at the home of the former. Mary Gretchen Comine, Dorothy Morris, and Virginia Kraus were the recipients of prizes awarded. At 5:00 o'clock the guests were served a delicious lunch from small tables gaily decorated in Hallowe'en costume.

It seems to be the general opinion that Northern Michigan never had a pleasanter summer and fall than this year, as far as weather is concerned. This fall especially has been quite cool. There have been some rains, but little snow. Mingled with the day's weather was, besides snow, a little rain, some hail and more or less sunshine. And the snow that was this morning is no longer in evidence. It is only by looking at the date on the calendar that we may be assured that winter is just around the corner.

Mrs. C. R. Keyport and Mrs. C. G. Clippert are enjoying a ten day pleasure trip. They left Grayling at 4:30 o'clock Tuesday morning and arrived in Indianapolis, a distance of 425 miles, at 5:30 in the evening, where they were guests of Mrs. Clippert's brother Lloyd M. Webb. After a few days there they will go to Nashville, Tenn., to visit Miss Jane Keyport at the Ward-Belmont School for girls.

The ponyo prize was won by Grandma Dutton. At eleven o'clock the committee served a delicious lunch. Everyone present voted a most enjoyable time.

It is only by looking at the date on the calendar that we may be assured that winter is just around the corner.

**Our Big November Sale**

**Has Caused Quite a Sensation**

Imagine buying Ladies and Misses coats for

**\$2.95 and \$5.95**

Women's Artics at

**\$1.29 and \$1.95**

Blankets at

**\$1.49 and up**

Buy your children's Shoes for school at

**1-5 to 1/2 Off**

A few Girl's Coats left at

**\$1.00**

Boy's Mackinaws at 1/2 price.

Men's ribbed fleeced Union Suits for

**95c**

Men's all wool Overcoats for

**\$13.95**

Boy's and Girl's Winter Union Suits at

**59c**

Men's Jersey Coats at

**\$1.19 and \$1.39**

Men's Hunting Caps. Alpena Wool Coats, Blazers, High Top Shoes, at lower prices.

Ladies New Winter Hats at **\$1.95 and Up**

Latest styles in Women's and children's Goodrich Zippers—All sizes.

Boy's High Top Shoes at **\$2.95 and \$3.50**

Men's Flannel Shirts **\$1.25 and Up**

**Grayling Mercantile Co.**

**The Quality Store—Phone 125**

Leave orders at Mosher Service station for coal and coke. Adv.

Mrs. Josephine Nichols spent the week end in Lansing.

Mr. and Mrs. Lon Heath and daughter Joyce spent the week end in Flint.

Mr. and Mrs. Phil Quigley attended the Potato Show at Gaylord Thursday.

Howard Granger and Gerald Poor drove to Lansing Friday to spend the week end. They returned home Sunday.

There will be a meeting of the American Legion Auxiliary at the Legion hall next Tuesday evening, November 10th.

Mr. and Mrs. Leo Jorgenson and daughter Leone and Mr. and Mrs. Oliver Cody and family spent Saturday in Cadillac.

Mrs. Fred Stollfus and her niece Miss Doris Rich of Cleveland spent the week end at the home of Mr. and Mrs. Roy Butler.

Mrs. George Mallinger and children Joseph, Marie, and Kathryn left Sunday to spend the week in Detroit and Pontiac.

John Braun at the invitation of Alexander Ruthven, President of University of Michigan, is attending a conference of Michigan land owners held at Ann Arbor Thursday and Friday. The meeting is called for a discussion of forest and taxation problems.

Sixteen little girls enjoyed a Hallowe'en party at the home of Virginia Scott last Thursday afternoon. While the games were being played they were visited by a ghost, who told them a creepy story. A delicious lunch was served by Mrs. Scott.

Samuel Johnson and son Theodore of Detroit visited the homes of Mrs. Hansine Hanson and A. E. Hendrickson Saturday and Sunday.

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# Winter Car Tune-Up

There are 25 points for inspection and service that every car owner should heed at the approach of winter.

Come in and let us give you this service. Beginning Friday, October 30th we offer you the following service, all for the small sum of

**\$6.00**

**Start the  
Winter  
Right**

**Have Your  
Car  
Winter  
Tuned**

**EVERY CAR  
NEEDS IT**

Beginning Friday, October

- 1 Clean plugs.
- 2 Clean carburetor and adjust.
- 3 Check points.
- 4 Clean and reset generator.
- 5 Check starter.
- 6 Check coil and condenser.
- 7 Check electrical system.
- 8 Adjust headlights.
- 9 Change oil (up to 6 quarts).
- 10 Grease car.
- 11 Winter grease in rear end and transmission.
- 12 Clean radiator.
- 13 Inspect hose connections.
- 14 Remove, check and grease front wheel bearings.
- 15 Check front wheel alignment.
- 16 Inspect steering gear.
- 17 Tighten body bolts.
- 18 Inspect and repair tire chains.
- 19 Adjust or install your heater.
- 20 Inspect shock absorbers.
- 21 Adjust brakes.
- 22 Inspect and repack water pump.
- 23 Install or adjust winter front.
- 24 Thermostat—adjust.
- 25 Road test of car.

## Leo Schram Service Station

D. P. A. Radiator Glycerine.

Grant Storage Batteries.

Phone 124

### SCHOOL NOTES

Juniors Take Championship By 18-8 Score.

The Juniors overwhelmingly defeated the eighth grade in the final tilt of the series. The eighth grade boys were decidedly outclassed.

Custon pitched for the eighth graders and Sheehy twirled for the Juniors. Both pitchers had wild moments, but Sheehy pitched the best game. The Junior fielders were giving their pitcher the best of support while the eighth grade pitcher had poor support from his field men.

The Junior team well deserved the championship. They have played excellent games and have some fine players in their rostrum.

#### Foods And Their Uses.

Last Thursday the students were called to the assembly to listen to the first of a series of talks to be given by the various Doctors of the community. These talks are part of a general health program sponsored by the University of Michigan. This first talk was given by Dr. Clippert on "Foods and Their Uses." The talk took about half of the hour, after which the students went to their first hour classes where each teacher had the students write a paper on Dr. Clippert's talk. The teachers then chose the best of the group and gave them to Miss Berry, who selected the following paper as the best:

#### Foods.

In discussing foods the first essential is a definition of food. Food is defined as any substance which when taken in the body maintains life.

There are different classes of food, the first being water. Water is found in most abundance in the daily water drunk. It is also found in beverages, soups, lettuce and other green vegetables and watermelon. It is the most important of foods because it helps to take the other food through the body by means of the blood, helps the body to excrete waste, helps the sweat glands and helps do many more important things.

Next in importance is fat which is found in any fatty substance. It is essential for the obtaining of energy which in the body is heat energy.

Another type of food is carbohydrates which are made up of starch and sugar. This type, found in vegetables, lean meat, etc., produced energy.

Proteins, another type is found in eggs, milk, vegetables, etc. Protein is not needed in as great a quantity as the other above mentioned foods.

It is very essential to have certain minerals in a balanced form. If they are not the heart will stop beating. These minerals are iron, phosphorus, iodine, calcium, etc. They are found in green vegetables such as spinach, fruits, etc.

The last type or division of food is vitamins. We do not know what vitamins are so as to define them, but

we do know they are essential to the body. They are found in fruits, vegetables, milk, etc. They are divided into Vitamins A, B, C, D, and E. Vitamin A is necessary to prevent a disease of the eyes. B is necessary to prevent rickets; D and E are necessary especially for the prevention of scurvy, which is a disease of the skin.

If these are not in balanced form—bad health results. For example: sugar is necessary to go with fat to prevent the forming of an acid which injures the body. Therefore it is necessary to have a balanced diet with these elements in it so as to have the health that everyone desires.

Virginia Engel.

**Seniors And Juniors Sell Magazines.**  
It is customary every year for the Seniors and Juniors to have a contest to see which grade can sell the most magazine subscriptions.

Mr. Edmonds, a representative of the Curtis Publishing Company, was a visitor in the High School last Thursday and explained the contest to the classes which are to sell magazines. The magazines being sold are: Ladies' Home Journal, The Country Gentleman, and The Saturday Evening Post. The contest is certain to be better this year because the classes will receive more money for the subscriptions. This has inspired the students to work harder.

The Seniors are known as the "Red Feather Tribe" under the leadership of their president, Big Chief Billy Harrison. The Juniors or the "Green Feather Tribe" are also under the leadership of their president, Big Chief Billy LaGrow. Veronice Lovely was appointed Grand Sachem of the two tribes.

The Seniors are now in the lead but the Juniors have until Friday, November 6, to beat them.

Having had many arguments as to the outcome, both classes have agreed that the losing tribe must give a big pow-wow for the winning tribe.

Junior News.

Last Friday evening the Juniors gave their first party of the season. The affair was devoted to dancing in general, with a few games now and then to break the monotony. In the early part of the evening it looked as though the group would have to rely on games alone for entertainment, as the radio, due to bad weather and the early hours, convulsed in spasms of static or entire silence. They were very fortunate, however, in procuring an orchestra a little later in the evening composed of Mrs. Geo. Olson, "Spike" McNeven, Marius Hanson, and Don Young, who came over and added the final touch of pep to the party, by playing till eleven-thirty, at which time pumpkin pie, with whipped cream and coffee was served for refreshments.

Milford Parker.

Evidently the boys aren't the only ones interested in baseball. This fall the girls have taken it up also. The Juniors have only a few girls, but enough to make up a real team. They are to play another class home

time this week.

The players are as follows: Esther Cahoon—Catcher. Florence Kellogg—Pitcher. Irene Randolph—1st base. June Schofield—2nd base.

Estelle Larson—3rd base. Josephine Bennett—Shortstop. Laura Welch—Right field. Marie Brown—Center field. Evelyn Jordan—Left field.

Our class has taken up selling candy every noon to replenish our treasury—preparing for a bigger and better skip day.

Freshmen News.

A freshman class meeting was called Monday to decide whether to pay dues or to sell pencils in the stock room. It was decided to sell pencils for any expenses we may have.

Our Junior Business Training class has completed the study of filing. The last assignment was a theme to be written by each member of the class upon some phase of filing.

Miss Dorr chose the following best theme to put in the paper:

Filing.

In our study of filing we learned that all canceled checks, receipts, bills, etc., should be kept until they become uncollectable, that is after a certain time set by law (seven years in Michigan) they become "outlawed" and cannot be collected. You should never throw them away before then as you may need them at any time for reference. Of course, insurance policies, contracts, notes, etc., need not be kept for the same length of time because they should be kept until expired.

All such papers which accumulate should be filed. Storing is not filing. The principle of filing is listing the names of different companies with which you deal in alphabetic order.

There are different ways of filing. One is the partitioned envelope. This is just a large envelope with a lot of partitions in it. Another is the vertical file. In this the sheets stand upright behind guides, in the form of sheets labeled alphabetically. Sometimes they are labeled with geographic names, sometimes with numbers.

The persons filing will deposit each subsequent paper in its alphabetic order in the space provided for it behind its guide sheet. This is provided with a special follow-up device which keeps the papers upright when there are ten or one hundred papers in the drawer.

If there are going to be too many papers under one heading, the heading may be divided into sections or subdivisions. You may have different sections labeled b, be, br, etc.

If a large number of letters are to be received from one firm, it is best to have a special folder with the firm's name on it.

File the papers in order or their dates in the folder, the last one received being placed in front, then file the folder as you would a paper in its alphabetic order.

DeAlton Griffith.

Eighth Grade.

The Seventh and Eighth grade

girls had a baseball game last Monday. The score was 27 to 5, the Seventh grade being defeated. The Eighth grade will play the winning team of the next game between the Ninth and Tenth grades. The players are as follows:

Pitcher—Evan BanCarter. Catcher—Virginia Kraus. 1st baseman—Helen May. 2nd baseman—Celeria Neal. 3rd baseman—Eva Swanson. Shortstop—Bernice Palmer. Right fielder—Bell Markby. Left fielder—Mary Baumusson.

Sixth Grade.

The Sixth graders are very much interested in working out a project "Modes of Travel and Communication." They have discovered that modes of travel very greatly in the different countries.

There were eight people who were neither absent nor tardy during the past school month.

Fifth Grade News.

Miss Douglas, teacher.

We have found the British Isles to be a very busy place. The French saving and thrifty people, Holland with all its lovely fields of flowers and pleasant people, was very interesting to study.

The new reference books "Lands and People" have helped us to enjoy our Geography lessons.

We are hoping to have all A's on our Health Record this month.

We were very happy last Friday afternoon at our Hallowe'en party. We played many games and read some stories. Our teacher, Miss Douglas, treated us to popcorn, apples and cakes which had little faces on them made of frosting. Our room looked very pretty because of the Hallowe'en decorations.

Fifth Grade News.

Miss Hermann, teacher.

There were no tardy marks during the month of October. Sixteen people were neither absent nor tardy.

We have loaned out 138 books on an average of three times each since the last week of September. As a result we have had many interesting book reports.

Phyllis Howitt took her place this morning as the new captain of our Health organization. Five new helpers were also chosen because of their good record for the month of October.

The judges of the picture coloring contest found it very hard to make a decision. They finally awarded first prize to Jack Sparks, second prize to Junior Lovely, third to Phyllis Hewitt and fourth to Esbren Olson.

We are studying about the New England states in Geography. We have had fun coloring maps of these states.

On Friday of last week we celebrated Hallowe'en by listening to stories and eating popcorn and apples. In the morning we played a story we had read in our readers. It was very good.

We made cats in Art class last Friday. They were very funny because they had springy legs and tails.

October Roll Call For Grades.

1st Grade.

Donald Borchers, Monica Brady, Doloris Case, Celia Craft, Charles Fletcher, Ruth LaMotte, Patricia Hewitt, Robert LaChapelle, Marx Stephan, Francis Whipple, Shirley Young, Fay Christensen, Alfred Hansen, Gloria Kennedy.

2nd Grade.

Carl Case, Mildred Craft, Albert Markby, June Dorob, Eleanor Bugay, Joyce Bugay, Joan Montour, Junior Palmer, Ann Bidvia, Beatrice Carr, Douglas McDaniel.

3rd Grade.

Gertrude Barber, Lois Bradley, Katherine Charron, Betty Failling, Margaret Flagg, John Hathaway, Phyllis Hiltz, Oscar Holmberg, Betty Jorgenson, Francis Malloy, Stella Muth, Katherine Peterson, Patricia Roberts, Martha Uhendorf, Bobby Welsh, Flora Moffat.

4th Grade.

Arnold Babbitt, Ruth Burrows, Robert Herbison, Mary Jane Joseph, Virginia Peterson.

5th Grade.

Audrey Brado, Marjory Braden, Phyllis Hewitt, Junior Lovely, Betty Nellist, Jack Sparks, Patricia Montour, Eunice Tahvonen, Donald Corwin, Helen Isenbauer, Marie Malloy.

6th Grade.

Corinne Burns, Virginia Charron, Beatrice Peterson, Jerrine Peterson.

ELDORADO SCHOOL NOTES

"Books like friends, should be few and well chosen."

We are having a reading contest. The person who reads and reports on the most books will receive a prize.

Rev. C. E. Peterson of Roscommon showed slides from the story "The Man Who Played God" at our school Tuesday evening. We all enjoyed it and hope he will come again.

This being the end of the month, we received our report cards today.

We are having penny marches every Monday morning for a few weeks. We are going to buy a thermometer with the money.

All pupils who were neither absent nor tardy for the past month were excused early Friday.

Thodore Irian was absent from school Friday.

Charles—Why are you whipping me, father?

Father—Because I am going away and I shall not be here to do it when you bring home your report card.

Edward—Where are you going?

Wilson—After a switch.

Edward—What for?

Wilson—For teacher to whip me because I am going to skip school tomorrow and I don't want to be bothered thinking about it.

File the papers in order or their

dates in the folder, the last one received being placed in front, then file the folder as you would a paper in its alphabetic order.

DeAlton Griffith.

Eighth Grade.

The Seventh and Eighth grade

### LOVELLE NEWS

Mr. and Mrs. Clarence Stillwagon and Mrs. Husted went to West Branch Saturday.

The Lovelle school gave a party for the Lovelle ladies on Friday afternoon. The time was passed playing Coo Coo and Buncho. Prizes were won by Mrs. Mike McCormick and Elmo Nephew.

Mr. and Mrs. Clare Melroy of Indian River visited Mr. and Mrs. Joseph Duby.

Mr. and Mrs. James Stillwagon gave the young married people a party on Hallowe'en. They played games and report a good time.

Herbert Mundt of Saginaw was a caller in Lovelle last week.

Mr. Carl Rutile and Leonard Clement of Detroit spent a few days at Big Creek cabin.

Thomas Wakeley and family of Sigsbee visited at the home of Joseph Duby Saturday.

The Lovelle children surprised Elmo Nephew on Hallowe'en as it was his fourteenth birthday anniversary. They came with good things to eat and had a nice time playing games.

PREMIER LAVAL has sailed back home happy in the belief that his conversations with President Hoover, accomplished a great deal toward settling world problems. And Mr. Hoover and his aids presumably are equally satisfied. Others in America and Europe, are doubtful. However, deductions from the President and the premier are that the real achievements of the conference are:

Co-operation between the United States and France on the economic and financial remedies necessary to end worldwide depression; recognition of the fact that Germany may find it necessary to call for re-examination of its capacity to pay reparations, as provided by the Young plan; in lieu of extension of the Hoover moratorium; maintenance of the gold standard; and a stabilization of exchange rates through the medium of international monetary conferences, if necessary; an end of the drive on the dollar, so far as French holders thereof are concerned; and an excellent understanding of the political problems which underlie such questions as disarmament.

Senator Borah's projection of himself and his opinions

# Crawford Avalanche

POTATO, APPLE AND SEED SHOW SUPPLEMENT

GRAYLING, MICHIGAN, THURSDAY, NOVEMBER 5, 1931

FIFTH ANNUAL EDITION

## Small Fruit Offers Opportunity Here

THREE BERRY CROPS USED AS ILLUSTRATION BY STANLEY JOHNSTON

Stanley Johnston, Superintendent of the South Haven Experiment Station, gave the visitors at the show a very enthusiastic talk on the opportunities for small fruit in northern Michigan.

Mr. Johnston discussed primarily the red raspberry, the strawberry, and the blueberry. "These three fruit crops," he remarked, "offer the grower many opportunities."

Certain parts of Northern Michigan have already attracted considerable attention as successful producing areas of Cuthbert red raspberries. Apparently the Cuthbert does better in parts of Northern Michigan than it does in the southwestern part of the state. Where the Cuthbert can be grown successfully it is without a peer among red raspberries due to its excellent quality and exceptional canning ability. This variety no longer seems to do well in Southwestern Michigan on account of its susceptibility to leaf curl, one of the virus diseases, and accordingly it is being replaced to a large extent by Latham. The latter variety, while it is vigorous and productive, is of inferior quality and is not adapted to commercial canning because the berry crumbles in the canning process.

Small fruit growers in the northern part of the state would do well to continue growing Cuthbert rather than other red raspberry varieties. There will always be a demand for good quality fruit of this variety and also a demand for healthy plants. Nurseries are constantly looking for sources of Cuthbert stock free from disease. Commercial fruit canners of the state will also be interested in obtaining Cuthbert berries when they would not be interested in the fruit of any other red variety. This insures a double market for the fruit which is a very desirable situation, especially during years of heavy production.

It is unlikely that the black raspberry can be grown in Northern Michigan as successfully as in the

(Continued on page 2)

## Production and Demand Set Price

O. B. PRICE SAYS WE SHOULD PRODUCE MORE POTATOES ON FEWER ACRES

Everyone will remember last year (1930-31) as a year of low potato yields and will remember this year (1931-32) as a year of low potato prices.

In many respects the two go hand in hand, particular when the total production in the United States is high or low. High yields generally mean low prices and low yields high prices.

"Value per acre is oftentimes more important, however, than value per bushel," according to O. B. Price, Agricultural Agent of the New York Central Lines, "for it is the interest on land, taxes, labor, etc., that makes up the major cost of producing potatoes."

Interesting potato history is recorded by the United States Bureau of Agricultural Economics during the last seventy-five years; records have been kept of acreage, yield, production, and value of crops.

"If we go back to 1895, before most of us were growing potatoes here, we find that there have been only six years when the acreage of potatoes in Michigan was less than in 1930, and those six years occurred before 1901. There was only one year when the average yield per acre was less than 1930, and that was in 1916. There were only two years when the total production was less than in 1930.

"When we consider the value of the crop, the condition is quite different.

(Continued on last page)

## Standard Potato Club Shows Value of Better Grading

J. J. Bird, potato specialist gave a very interesting talk on table stock production at the general session on Thursday. He outlined the plan and purpose of the Michigan New Standard Potato Club, and gave results of its first year's trial. Quotations from his talk follow:

"About one-tenth of the potato growers in Michigan grow high-quality tablestock. The New Standard Club is designed to insure the production of a fancy grade of superior quality tablestock by regulating somewhat the production methods employed, and to identify the product on the market.

"This first year, 137 growers joined the Club, growing a total of 1275 acres. Due to growing conditions, only about 40,000 bushels of potatoes will make the Fancy grade.

"The fields were inspected once during the growing season to see that rules governing type of soil used, early planting, close spacing and proper spraying were being followed. Field inspections did not consider disease, since the grade is not to be confused with seed production.

(Continued on last page)

## Pearl Bonter Is Premier Grower

WILL COMPETE AT STATE SHOW FOR \$125.00 TRIP NEXT SUMMER

A new premier potato grower was announced at the show with the selection of Pearl Bonter of Pellston, Emmet County, as the winner.

Mr. Bonter won this contest in a field of fifteen growers with a total score of 790.3 points. His nearest competitor was K. Klooster of East Jordan, with a score of 760.3 points.

This contest was open to any potato grower within the Top O' Michigan territory, who produced five or more acres of certified seed or Michigan New standard tablestock potatoes.

The contest was judged on the following points: Yield, Quality, and Showmanship.

Records were taken under direct supervision of the potato division of the Michigan State College.

Farmers from five counties were entered as follows: Emmet, Charlevoix, Presque Isle, Otsego, and Cheboygan.

Other winners in this contest were:

Ed. Rambadt, of Metz, 743.8 points; Reisner Bros. and Hopp, of Hawks, 731.7; Harry Behling, of Charlevoix, 722.4; K. A. Shaff, of Gaylord, 720.9; Roland Risk of Petoskey, 708.8; Dale Nichols of Pellston, 671.0; Wayne Townsend of Gaylord, 641.7; Mark Demerest of Johannesburg, 632.2; Albert Dietz of Hawks, 627.1; McKenzie of Johannesburg, 613.3; A. J. Townsend of Gaylord, 600.4; A. Peiwinski of Gaylord, 562.6; Otto Grambo of Metz, 559.3.

Mr. Bonter was awarded a beautiful Alladin Lamp and was automatically selected as the contestant from the Top O' Michigan territory to the State Show at East Lansing, in February, where contestants from five other shows will compete for a \$125 trip to some out of state potato growing section.

Mr. Bonter has been a regular exhibitor at the show and won third place in this contest last year. His friends were glad to see him win this year and are "rooting" for him at the State Show.

## Potatoes Needed In Regular Diet

MISS HARRIS POINTS OUT ERROR IN FATTENING QUALITIES

"Potatoes as a food have often been credited to Ireland, but history says the Spanish first found them in America and took them back as part of their offering from the new world," according to Miss Margaret Harris, assistant state Home Demonstration Leader at Marquette, Mich., who spoke on the Women's Program of the 4th Annual Top O' Michigan Potato and Apple Show. "Their adoption and extensive use in other countries as well as in Ireland has made them at the present time one of the vegetables which are an important part of the modern diet."

"Fade in food and in 'dieting to reduce' has led to many errors in the public minds of the real value of many foods, according to Miss Harris. Potatoes as a food are important for the minerals and vitamins they furnish and economically are of great value in Michigan."

"The large part of the potato being starch has led many to believe that the carbohydrate is the only thing of food value to consider. The composition of an average potato is 75 to 79 per cent water; 18 to 20 per cent carbohydrate; 2 to 2.5 per cent protein; 1 per cent ash, and a trace of fat. While the potato is rightly called a starchy food, it supplies bulk, another important need in the diet."

"From the standpoint of acid-forming and base-forming qualities, it has been said that one medium sized

(Continued on page 3)

## Seven Hundred Sixty-three Exhibits Apples - Potatoes Vie for Honors at 9th Show

### FRANK GUY OF PELLSTON SWEEPSTAKES WINNER AGAIN IN SPUDS; HOMER WARING OF ANTRIM APPLE SWEEPSTAKES WINNER

Apples took the lime light at the Hawks.

Ninth Annual Top O' Michigan Potato and Apple Show held at Gaylord last week.

Nature favored the Top O' Michigan last year with beautiful sunshine mixed with sufficient rainfall so that apples of highest quality with bright red cheeks hung heavily from the thousands of apple trees in this territory.

The apple growers, quick to sense the opportunity of making a little extra cash in the way of Premiums, selected their best and literally brought them to Gaylord in truck loads, and they were amply repaid.

When all entries of apples were in there were just four hundred two. This was more than twice the number exhibited last year, when only 158 entries were made.

The potato men were also anxious to show their ability at showmanship and did not in any way, show the effects of the agricultural depression. Possibly the attractive premiums offered were responsible in part for the 361 entries of potatoes. Twenty dollars for the best peck looked considerably more attractive than eighteen cents a bushel for U. S. No. 1 table stock at the local warehouses.

Of course the quality was much better, in fact far superior to the U. S. Fancy grade. When John Tucker, judge, finished his talk he remarked that it was one of the best potato shows, devoted primarily to Russet Kultas, that he had ever judged.

Frank Guy of Pellston, was the outstanding winner in the potato classes, having won the sweepstakes for the second consecutive year and all that goes with it in the way of cash premiums, silver loving cups and trade prizes.

This is the first time in the nine years of the show that the same potato grower has won a second time. Mr. Guy is also a recent exhibitor, having exhibited for the first time three years ago.

Homer Waring was the outstanding winner in the apples with sweepstakes in both plate and trays and first in bushels.

In the potato classes there were 122 entries in the open class of Russet Rurals; ten in White Rurals; four in any other variety of late potatoes; eight in Irish Cobblers; six in any other early variety; fifty-nine beginners; six county; twenty-five certified bushel Russet Rural; one certified Irish Cobbler; two any other variety of certified; ten baking; eleven best potato; ninety-seven junior exhibits.

In the apple classes there were one hundred eighty-three plates; ninety trays; fifty-seven bushels; seven collections of fifty; twenty-four fancy packs; and forty-one best apple.

The complete list of winners in the potato and apple classes is as follows:

A complete list of winners at the show is as follows:

Potatoes

Class 1 — Russet Rurals (32 potatoes)

1st. Frank Guy, Pellston.  
2nd. Alan Taylor, Metz.  
3rd. Adolph Reisner, Hawks.  
4th. Fred Schmalzried, Levering.

5th. Reisner Bros. and Hopp, Hawks.

6th. Wm. Shepard, East Jordan.

7th. Harry Behling, Boyne City.

8th. Frank Rotter, Alanson.

9th. A. N. McDonald, Millersburg.

10th. Wm. Reisner, Hawks.

11th. Geo. Bonwell, Johannesburg.

12th. Wm. Reisner, Hawks.

13th. Mark Demerest, Johannesburg.

Class 2. White Rural (32 potatoes).

1st. Reisner Bros. and Hopp.

2nd. Frank Behling, Hawks.

3rd. Harry Behling, Hawks.

4th. Fred Schmalzried, Hawks.

5th. Reisner Bros. and Hopp.

6th. Harry Behling, Hawks.

7th. Frank Behling, Hawks.

8th. Mark Demerest, Hawks.

9th. Harry Behling, Hawks.

10th. Reisner Bros. and Hopp.

11th. Harry Behling, Hawks.

12th. Frank Behling, Hawks.

13th. Harry Behling, Hawks.

14th. Harry Behling, Hawks.

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62nd. Harry Behling, Hawks.

63rd. Harry Behling, Hawks.

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## Small Fruit Offers Opportunity Here

(continued from page 1) southwestern part of the state. To grow black raspberries near the Cuthbert plantings of Northern Michigan would also create a much more serious disease situation. Mild mosaic often spreads from red to black varieties causing severe stunting of the latter. There are also many wild red raspberry plants in the northern part of the state that are infected with "mild-mosaic" and these plants would serve as a source of infection to the black raspberries planted nearby. In view of the importance of the red raspberry industry in Northern Michigan and the question-

raspberries.

It seems needless to say that good cultural operations are very necessary in successful raspberry culture. Probably no other commonly grown fruit plant, unless it is the peach, will show the ill effects of poor care as quickly as the raspberry. The plants are very sensitive to soil conditions, and they are also subject to several diseases that cannot be controlled by spraying. There is abundant opportunity to use skill and good judgment in growing raspberries successfully, and, while the grower will not make the sensational sales that a peach grower makes during occasional years, his business is more stable and he is fairly certain of a moderate income each year.

## Strawberries

"There is one phase of the strawberry situation that holds considerable promise to Northern Michigan growers and that is to supply the late market. Prices for strawberries show a marked increase late in the season due to the fact that the large producing districts to the south are through shipping. Some Southern Michigan strawberry growers have already realized the situation and have established plantations in the northern part of the state. Undoubtedly the attempt to meet the demand for late strawberries will result in additional plantings being made in Northern Michigan.

"The two limiting factors in strawberry growing in the northern part of the state are frost and drought.

Some protection against frost can be obtained by selecting proper sites and by the use of mulch to delay blossoming in the spring. Drought has always been a serious factor on the higher soils in Northern Michigan, but these same soils will produce fine strawberries if sufficient water is available. The Agricultural Engineering Department of the Michigan State College is now attempting to develop a cheap and efficient means of irrigation by the use of porous canvas hose. Strawberry growers in all parts of the state, especially those in light soils, should give serious thought to establishing some means of irrigation.

## Blueberries

The Department of Horticulture has been carrying on investigation work with blueberries for several years at the South Haven Experiment Station. Most of this work has been with the highbush species as the varieties developed by workers associated with the United States Department of Agriculture are of this type. The highbush type is not found naturally in Northern Michigan and it remains to be seen whether or not it will be able to adapt itself to the growing conditions found there. In the meantime, selections of superior types of lowbush blueberries, the type that is found naturally in Northern Michigan, have been made and named varieties will be distributed for trial as soon as a supply of plants can be propagated.

The blueberry is one of our most popular small fruits either in the fresh state or canned. The supply at present does not fill the demand. Michigan has large areas of land adapted to the culture of both the low and highbush types, and the possibilities of developing a profitable blueberry industry in the state are very promising.

It should also be mentioned, in conclusion, that the tourist and resort business now ranks as one of Michigan's greatest industries. Northern Michigan receives a great share of this business. Small fruit growers in this section have a splendid opportunity of realizing considerable revenue by catering to this trade."

## Antrim County Farmers

When you are in the market for

## Spray Materials

## Fertilizers

## Potato Storage

## Seeds

## Feeds

## Coal

## Flour

## Patronize Your Local Co-ops.

ALBA SEED GROWERS, INC., Alba  
C. W. Wing, Mgr.

FARMERS MARKETING ASSN., BELLAIRE  
L. G. Van Liew, Mgr.

FARMERS MARKETING ASSN., Central Lake  
Dale Burns, Mgr.

FARMERS MARKETING ASSN., Elk Rapids  
Louis Olson, Mgr.

ELLWORTH FARMERS EXCHANGE, Ellsworth  
Bernie Klooster, Mgr.

FARMERS MARKETING CO., Mancelona  
I. K. Lichy, Mgr.

## STANLEY JOHNSTON

able value of the black raspberry, it would be well to consider all factors very carefully before engaging in the growing of black raspberries. If they should be planted they should be well isolated from all kinds of red

## Jordan Valley Co-Op. Creamery

### MANUFACTURERS OF Quality Creamery Butter

Owned and Operated  
by  
FARMERS

East Jordan, Michigan

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The Potato Show Association wishes to express their appreciation for the splendid cooperation given by the newspapers in getting information concerning the show to the readers of the Top O' Michigan.

Not only have they devoted many columns of news weekly but the orders for this supplement have exceeded any previous year.

A total of 25,000 supplements were printed, all but 1200 going to the readers of the Top O' Michigan.

The following newspapers are using this supplement:

Alcona County Herald  
Alcona County Review

Alpena News  
Bellaire Record

The Boyne Citizen  
Cheboygan Observer

Cheboygan Tribune  
Crawford Avalanche

Charlevoix Courier

Central Lake Torch

Elk Rapids Progress

Emmet County Graphic

Ellsworth Trademan

Montmorency County Tribune

Mancelona Herald

Oscoda County News

Otsego County Herald Times

Onaway Outlook

Petoskey News

E. E. Musgrave, County Agricultural Agent of Kalkaska County

is using 500 to circulate to

farmers in his county.

Mr. Johnston judged the apples at the Ninth Annual Top O' Michigan Potato, Apple and Seed Show.

**Small Trucker Is Ruining Orderly System of Marketing**

Considerable discussion prevails among the farmers of the Top O' Michigan as to their responsibility for proper grading when selling to truckers who come up from southern Michigan cities and buy direct from the farmer on his farm.

Some truckers insist that the farmer properly grade and tag his potatoes, while others will take the field run.

This matter has been taken up with the Michigan State Department of Agriculture and we reprint here with the regulations covering the handling, loading, shipping or transporting of potatoes in truck or car load lots, as contained in Act Number 2271, Public Act 1929:

It shall be unlawful for any person, firm, association, organization, trucker buying for resale, or corporation, or agent, representative or assistant of any person, firm, association, organization or corporation to pack for resale, expose for resale, or sell, transport, deliver or consign or have in possession for resale, transport, delivery or consignment for

have in possession for resale, transport, delivery or consignment for interstate commerce, potatoes prepared for market in other than retail quantities without first securing from the commissioner of Agriculture, by making application therefor upon a blank to be furnished by said official and accompanied by a fee of one dollar, a license to grade and load potatoes, which license shall be renewed annually. The Commissioner of Agriculture, may suspend any such license temporarily for failure to comply with the provisions of the act or the provisions of the act governing the grading of potatoes or any rules or regulations made by him as herein provided for, and shall have the power to permanently revoke such license for cause."

It is evident from this that the farmer does not need a license to sell to truckers or local dealers.

Also, the potatoes that are sold to these truckers do not have to be "properly graded and tagged" but the truckers may require the farmer to go to this expense in order to make the sale at a price supposedly above market quotations. The trucker, however, who offers them for resale must have the potatoes properly tagged and graded. That is why he usually requests the farmer to do it.

It has also been rumored that many of these truckers, who are not liable, come into the Top O' Michigan for potatoes, then use the tags on inferior potatoes further south that he is able to buy at a lower price. This, of course, is unlawful, but it is difficult for the small crew of inspectors of the Department of Agriculture to catch all the violators.

It would seem more desirable and undoubtedly of greater value to the community for the potato growers to sell direct to their established dealers who will assume all responsibility for grading and packing.

The small independent trucker has demoralized the orderly system of marketing, which is so essential to the welfare of the farmer.

The average yield of potatoes in the United States is lower than any other country except Italy.

There are plenty of good growers in the territory to supply nursery stock so that the prospective grower can get a start from his neighbor. It looks like a sure thing in the Top O' Michigan and will work in well with potatoes and dairying.

The plants are practically disease free and there is seldom a complete failure.

Production has already reached the point, where by cooperative action a car lot or more a day could be sent to Detroit, or eastern cities, such as Philadelphia, New York or Boston.

Investigations are now being made as to the market possibilities and competition offered in those cities.

Then too the increasing resort business offers a ready market for those whose production is still limited.

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## J. Tucker Explains Use of Good Seed

(continued from page 1) most careful handling, storing and grading of the crop.

The high value placed on good seed by the most progressive growers, is evident in the fact that in one province (Prince Edward Island) practically two-thirds of the total acreage is planted to certified seed. Actually 55 per cent of the total acreage is entered for inspection with a view to certification, due largely to the keen demand for seed from that province. But taking another province, New Brunswick, which is principally a commercial table stock area, we find also that a



JOHN TUCKER

very large proportion of the crop is planted with certified. Growers, by

### Sweet Clover Seed—

Buy your White Blossom Sweet Clover Seed from Northern Michigan Farmers.

Recolored and Scarified

State Analysis on Every Bag

99% and better purity

\$5.00 per hundred f.o.b. Boyne City

ASK FOR SAMPLES

Offer good until December 1, 1931

Boyne City Cooperative Co.

F. W. DILWORTH, Mgr.

Boyne City, Mich.

Take the GUESS out of Grading Potatoes and Onions

Experienced buyers and Government inspectors know that potatoes and onions marked "Boogs Graded" will not vary 3% in size from Government grades and that they will not be bruised or injured in grading.

Consequently, "Boogs machine-graded" potatoes and onions bring higher prices.

In one operation you can grade No. 1's and No. 2's and remove culls and dirt with a double-belt

**Boogs** The Standard  
Potato and Onion Grader

Get a No. 3 single-belt hand grader now, at only \$49.00, to grade 250 bushels an hour. This machine will make one marketable grade, because of the ability of the machine to conform to the Government grader or to meet the requirements of any local market. A second belt can be added any time to make it into a double-belt grader. And when you need a larger, faster, electrically operated machine, you can convert it into a fully purchased a power equipment. All that is necessary is to add power attachments, picking table, etc.

Quick deliveries from factories in Atlanta, N. Y., and Detroit, Mich. Write for catalog, or mail the coupon.

**No. 3 Single-Belt Hand Grader**

BOOGS MFG. CORP.  
Main St., Atlanta, N. Y.

Without obligation, please send a free copy of your catalog.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Town \_\_\_\_\_ State \_\_\_\_\_

following the modern methods of production have increased their yield so that today, it is common to have a crop of 300 to 400 bushels to the acre, which, when properly graded will give around seventy per cent Grade No. 1 potatoes.

In planting, a blocky seed piece of about two ounces in weight and having two or three eyes, is used. Seed treatment, principally with corrosive sublimate, is practiced by a large number of growers. From actual figures obtained in the course of inspection work, it appears that about half the seed growers treat their seed before planting, while the remainder depend upon planting clean seed in soil kept free from injurious fungous and insect pests by the well known methods of crop rotation.

Crop rotation is generally practiced and a proper balance between the mineral elements of the soil is thereby maintained. The land is manured with about ten loads of barnyard manure where available, to the acre, or has a good clover crop turned under, and is further liberally supplied with fertilizer.

The seed bed is thoroughly prepared before planting for no amount of after tillage can overcome neglect in preparation. Mechanical planters, with fertilizer attachments are used to plant the crop and the land is left slightly ridged. Cultivation methods vary considerably. In some areas the drag harrow is used just as the tops begin to appear, in others the tops are allowed to come up one or two inches and are then buried once, the land being left sharply ridged. This disposes of the weeds and allows a good root growth before the tops again appear. In this the method differs from other parts of Canada, but it appears to work well under the eastern conditions. Hand weeding is not practiced, nor is it necessary except in rare cases.

Growing conditions are usually good and the crop makes rapid growth. The tops are sprayed from six to ten times using Bordeaux Mixture, with Calcium Arsenite when required.

Harvesting commences early in October and a considerable part of the crop is graded immediately and shipped out, the remainder is put into storage on the farms or at the warehouses and the grower is paid for the No. 1 potatoes accepted. The culls can be taken away if desired.

Compulsory grading and marking of all commercial table potatoes is in effect throughout the Dominion and is administered under Federal authority by the Dominion Fruit Branch under the Root Vegetables Act. The grades in effect are known as Canada Fancy, Canada No. 1, No. 2 and No. 3. Under actual practices nothing below No. 1 grade is shipped out from the Maritimes. The No. 2 grade is used to some extent in other districts but plentiful supplies of No. 1 potatoes have killed the demand for the lower grade and it is gradually disappearing from the markets. There is no demand for No. 3 grade and it will probably be discontinued.

Compulsory grading and marking is also in effect on seed potatoes. There are two grades only, "Certified Seed Extra" No. 1, and "Certified Seed Small Size" 1/2 ounces. It is an indictable offense under the Federal Destructive Insect and Pest Act to advertise or sell uncertified potatoes as seed potatoes or use any kind of "seed" tag likely to mislead an unsuspecting public. Growers, dealers and associations are permitted, however, to attach their own tags or brands, but such may only be done, when in addition the official certification tag is present on the container. Any other kind of potatoes may be used freely by anyone for seed purposes, but certified seed only may be advertised, sold, etc. as seed potatoes.

The growers have learned that it is not the quantity they place on the

market which brings the best returns for the crop, but the quality, and that it is better to cull carefully, keeping the undesirable potatoes for live stock feed, than to attempt to market them with graded stock. The latter would undoubtedly leave a dissatisfied customer and little possibility of a repeat order. It is quality that counts in the market today.

## Potatoes Needed In Regular Diet

(continued from page 1)

potato furnishes enough bases to neutralize the acids of two average slices of roast beef. If we should substitute rice for potatoes in such a meal we would find that while rice supplied the necessary starch, it did not counteract the acids produced by the meat but rather increased them.

"If the housekeeper is keeping an eye upon her grocery bill, as a thrifty one does, she will see that a home grown food will be cheaper than one which has been processed and then shipped, or put up in a fancy package. The woman who is on the alert for bargains will also remember that a bargain is only a good one if she remembers the food calories she buys as well as the minerals and vitamins that are there.

"Let us look at the food value of potatoe. The minerals iron, calcium and phosphorus are important in the body. Potatoes are about equal to whole cereals in the iron they furnish. They give slightly more phosphorus than do raw carrots and more calcium than that furnished in hominy.

"The amount of calories furnished by an average baked potato is 100. A level tablespoon of butter; two tablespoons of white sugar; 12 to 15 almonds; 4 to 5 dates; one large apple, each represent 100 calories of other well known foods. We may readily see that the eating of a baked potato (without counting the butter used on it) would not necessarily be fattening, or if we count a generous serving of butter it would not add more calories to the diet than an apple sweetened with two tablespoons of sugar.

"Our experts in nutrition have been emphasizing the use of two vegetables besides potatoes every day as the best diet.

"Since potatoes lack a pronounced flavor of their own they harmonize with foods having a positive taste and we do not tire of them as of other vegetables.

"There are many ways of cooking potatoes but unfortunately few know how to bake, steam or boil them properly. Baking potatoes in an oven 450 to 500 degrees F. is the best method from the standpoint of conserving all the nutrients. The high temperature thoroughly cooks the starch by generating steam from the moisture present.

"Steaming with the jackets is better than paring and then steaming. The process takes a little longer but preserves the flavor and minerals which are present. Boiling in hot, salted water with the jackets is perhaps the next best method.

"Losses in nutritive value in the cooking of potatoes come from the following causes:

1. Paring—cutting away of good food material.
2. Soaking in cold water before cooking. Experiments show 9 per cent lost in this way.
3. Putting potatoes to cook in cold water instead of hot.
4. Cooking in unsalted water.
5. Cutting into dice, thereby exposing a larger surface to the water.

"A potato show offers every housekeeper an opportunity to shop around and see the latest styles in potatoes.

The use of fertilizers, the selective breeding of potatoes, the chemical treatment of seed for scab and other diseases, have made great changes in the varieties offered for sale and of the quality.

"In general, for boiling or baking a mealy potato is desirable while for french frying a more waxy consistency is best. Authorities do not agree as to what causes mealiness. In experiments carried on in Rhode Island they found that mealiness was not necessarily due to high starch content nor to low nitrogen.

"In general, for boiling or baking a mealy potato is desirable while for french frying a more waxy consistency is best. Authorities do not agree as to what causes mealiness. In experiments carried on in Rhode Island they found that mealiness was not necessarily due to high starch content nor to low nitrogen.

"By selecting good potatoes and cooking them properly we may be assured a delicious addition to our meals and by our use of Michigan grown potatoes encourage the grower to further improvement and development of better varieties for all culinary purposes."

### Increase In Alfalfa Acreage Needed In State

East Lansing—"We have but little more than half enough alfalfa in Michigan to feed our dairy cows, and could grow a total of 1/2 million acres of it without oversupplying the State," says Prof. Howard Rather of the State College Farm Crops Dept.

"We could use a lot of alfalfa for pasture. About 50 per cent of the growers of southern Michigan are using some alfalfa for pasture this year. At the Kellogg farm, experiments have shown alfalfa to be far ahead of everything including sweet clover and heavily fertilized pasture grass mixtures.

"Another opportunity for the alfalfa grower is the production of seed. Last year we produced in Michigan only enough alfalfa seed to meet the requirements of 10 years ago. The per acre income from Hardigan alfalfa seed last year was \$75. The average income from all alfalfa seed was \$45 per acre which is way above the cost of production. I do not look for the time for a good many years when two bushels of clean alfalfa seed per acre will not make a good profit.

"There is no need to fear over-production. Of the 10 leading alfalfa states, all except Michigan sowed less acreage to alfalfa in 1931 than they did in 1930. Michigan had a 5

per cent increase in alfalfa acreage and the other nine states had an 11 per cent decrease."

Northern Michigan is well adapted to growing alfalfa and has gained a fine reputation as a producer of high quality certified alfalfa seed—both Grim and Hardigan.

Last year alfalfa seed was exhibited and competed for a silver loving cup. This year substantial cash prizes were offered in addition and seed of high quality were shown.

### Slight Increase In Potato Shipments

There will be a slight increase in shipments of potatoes this year if estimates of the Produce News of New York are correct. For the coming year the total estimated potato shipments for the United States will be approximately 260,000 cars. Last year there were 257,798 cars and the news estimated 253,000 cars.

The estimate for the ten leading states this year are as follows:

Maine, 60,000 cars.  
Idaho, 28,000 cars.  
Minnesota, 20,000 cars.  
Virginia, 19,000 cars.  
New York, 15,000 cars.  
Wisconsin, 13,000 cars.  
Colorado, 11,000 cars.  
North Carolina, 8,700 cars.  
California, 8,000 cars.  
Nebraska, 8,000 cars.  
Michigan ranks thirteenth with an estimate of 8,000 cars.

### NEW GRADE OF POTATOES

To obviate the difficulties arising in those sections troubled with brown spots or streaks in the flesh of the potatoes, a new standard has been promulgated by the State Department of Agriculture and is known as "U. S. No. 1 Emergency." A brown tag will denote this grade, whereas, the regular "U. S. No. 1" grade calls for a blue tag.

## NORTHERN LIME & STONE COMPANY

Manufacturing  
Hydrated and Lump Pure Lime  
for all purposes

PETOSKEY, MICH.

### SERVICE--

that's what you want!

We endeavor, not only to handle the ordinary banking transactions promptly, but to go a step further and render many other services, appreciated often-times because most unexpected.

We solicit your account and know that you will enjoy banking here.

Invested Capital over \$130,000.00

## GAYLORD STATE SAVINGS BANK

GAYLORD, MICHIGAN

## Dow Spraying Materials

Properly and timely applied assure you of maximum protection against Insects and Fungus

### DOW SPECIAL POTATO SPRAY

Contains both poison and Bordo. Potato Bugs are quickly killed and potato vines are kept free from disease—thus producing greater yields.

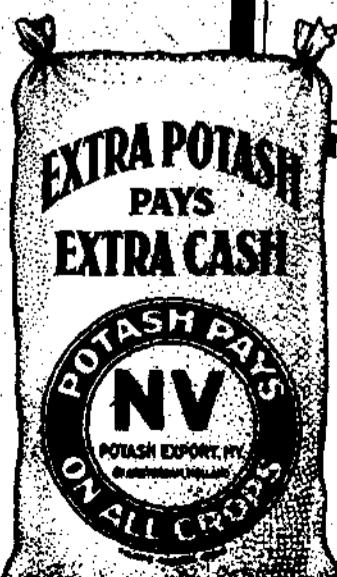
### SEE THE DOW DEALER NEAREST YOU

### The Dow Chemical Co.

MIDLAND, MICHIGAN

## FACTS ABOUT POTASH

A series of 21 of these facts will be sent you FREE on request.



## Potatoes . . .

yielding at the rate of 300 bushels removed from each acre 96 pounds of actual potash, equal to 192 pounds of muriate of potash, or 533 pounds of fertilizer containing 18 percent potash.

You can now get muriate of potash in 100-pound bags. If your fertilizer man cannot supply you communicate direct with the address below.

Tune in Radio Station WENR on Tuesdays at 6:45 p. m., c. s. t.

N. V. POTASH EXPORT M. Y. Inc.

4 Amsterdam, Holland

Buckingham Bldg. Chicago, Illinois

**This Hardie Superior combination row and orchard sprayer delivers 10 gallons per minute at 350 lbs. pressure, ample to supply 12 nozzles or 2 orchard guns.**

**The Hardie Perfection Traction sprayer gives unusual ground clearance, light draft and big capacity.**

**You get real pressure and capacity with Hardie traction outfitts.**

**Hardie potato sprayers are up-to-date specialized outfitts delivering the big capacity and high pressure which are now recognized as vital to profit in commercial potato growing. Hardie offers a wide variety of models from the 10-row tractor-powered Hardie to the Hardie perfection, the greatest traction-operated row sprayer ever built. Hardie capacity and pressure cost you less this year. Write for catalog.**

**The Hardie Manufacturing Company**

HUDSON, MICHIGAN

Branches at: PORTLAND, ORE.; LOS ANGELES; KANSAS CITY, MO.; PETROLIA, ONT.

**DEPENDABLE HARDIE SPRAYERS**

## BENZONIA TAKES FIRST IN CONTEST

(continued from page 1) the fact that all the "chairs" were very large, considering the population from which they were drawn. Beloit was the largest town represented, with a population of but 517 people. It dwindled down from that to two open church choirs in country communities, with a very small population.

Kaleva made the farthest trip to attend, coming a distance of 125 miles. Empire drove the farthest, though the distance is but 91 miles, but due to a snow storm, the choir came in a round-about way.

R. W. Tinney, director of short courses at M. S. C., was chairman of the meeting, this being his third year in this capacity.

The largest crowd of record was present, the Gaylord Auditorium was crowded to capacity, with many being unable to get within the doors. The audience was estimated at 650. There were 163 singers in the different choirs.

Most of the choirs sang without an accompaniment this year, and none used the piano on the song selected by the college.

## SPECIAL PRIZES OF THE SHOW

Silver loving cups and special trade premiums form a considerable part of the prize list at the show. The following are the winners and donors:

In the Premier Potato Growers Contest Pearl Bonter won a beautiful Aladdin Lamp, given by the Potato Association.

Frank Guy of Petoskey won permanent possession of the loving cup offered by the Michigan Farmer by winning the sweepstakes in potatoes the second time in two years.

The loving cup offered to the winner in the county exhibit was won by Presque County for the second time in two years. This must be won three times for permanent possession. Otsego has won twice, and Presque Isle twice.

The Tri County Telephone cup was won by Pearl Bonter for the best exhibit of Certified Seed Potatoes. This must be won three times for permanent possession.

Frank Guy of Petoskey has won twice, and Presque Isle twice.

Pearl Bonter won the 1000 pounds of Agrico fertilizer donated by the American Agricultural Chemical Company for the best exhibit of certified seed.

Allan Taylor won 625 pounds of 4-12-4 fertilizer donated by the Michigan State Farm Bureau.

The Petoskey News cup offered to the junior sweepstakes champion for the first time this year was won by Carl Cetas of Petoskey.

The Michigan Central Railroad cup was won by the Hayes Potato Club of Gaylord. This cup must be won three times for permanent possession. The Hayes Potato Club and the Five Lakes Potato Club have each won twice.

The Michigan Farmer gives a new or renewal subscription to every exhibitor who won a premium.

The Alpena News cup was won by Allan Taylor of Metz.

## WITH THE ADVERTISERS

The A. B. Farquhar Co. Limited of York, Pa., had a fine exhibit of Iron Age Machines at the Show. Mr. Bateman and Mr. Moyer were in charge.

A. C. Lytle of the Potato Growers Exchange was at the show for a couple of days. A. C. was secretary for seven years and had a lot to do with the development of the show.

Wm. "Bille" Rad of the Johannesburg Mfg. Co. was at the show to look over the apples and potatoes. His company owns vast areas of good potato land in Eastern Otsego County.

We were sorry that the following companies could not have a representative present:

The H. V. Potash Export Mfg. Inc. of Chicago.

The Hardie Mfg. Company of Hudson, Michigan.

The Dow Chemical Company of Midland, Mich.

The Boggs Mfg. Company of Atlanta, N. Y.

These companies placed advertisements with the show for this supplement and we request your consideration in purchasing.

We also want to express our appreciation to the:

- Alpena Business Men.
- Antrim County Coop. Ass'n.
- The Gaylord Lumber and Fuel Co.
- The Jordan Valley Coop. Creamery, East Jordan.
- The Otsego County Coop. Ass'n, Gaylord.
- The Gaylord State Savings Bank.
- The Boyne City Coop. Co.
- The Central Hotel, Gaylord.
- The Northern Lime and Stone Company, Petoskey.

## Standard Potato Club Shows Value of Better Grading

(continued from page 1) "Bin inspection will be made by the regular seed inspectors beginning about the last of October.

"Cooking tests will be made on each lot of seed that passes bin inspection before stock is shipped out.

"Regarding the disposal of stock ranging from  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches, which will be U. S. No. 1 small, only that stock which will grade out about 70 per cent Fancy as far as size is concerned will be considered, thereby cutting down on the amount of U. S. No. 1 small to be disposed of. The department does not favor the effort to dispose of the remaining small grade for seed purposes.

"The Michigan Potato Growers Exchange will handle practically all of the Fancy stock this season.

"The lower four-fifth of the state will have no fancy stock for sale this season.

"This Fancy grade will be difficult to handle in the trucking area. Large growers in the trucking area have expressed a willingness to ship Fancy grades by car through an organization. This grade cannot be profitably made by the grower of medium yields. It will call for the use of the best cultural practices, featuring the increasing of organic matter in the soil."

## PRODUCTION AND DEMAND SET PRICE

(continued from page 1)

Since 1895, there have been twenty-one years when the average value per acre of Michigan potatoes was less than 1890-91. Some of the more recent years that the value was lower are 1922, 1924, and 1925.

"Why pay so much consideration to acreage? We need greater production of potatoes in Michigan and we need better quality. It would be far better to get this increased production through larger yields per acre, which would automatically give greater value per acre and better quality of potatoes.

"Better production practices, such as proper preparation of seed bed, proper use of fertilizers, good seed, seed treatment, proper planting, proper spraying and proper cultivation will do more than anything else to bring back to Michigan the markets she once had.

"High commodity prices seem rather remote and all production practices must be adjusted to meet these new low prices. Other states are doing it and we must do the same if we are to meet their competition."

## Potato Grower Helps Solve Large Problems

(continued from page 1)

colonies of bees, much labor was needed. Some of the bargains that were made for labor were as follows: One ton of alfalfa hay for six days work; six bushels of potatoes for one day's labor; two gallons of honey—one day; one cord of wood—one day. To date some 30 tons of alfalfa, nearly 1000 bushels of potatoes, one ton of honey and 35 cords of wood have been disposed of in this manner to say nothing of other smaller trades. Very shortly 30 to 40 lambs and some old ewes will also be traded.

Such a set-up has not only provided labor for many needy families, but has also aided in disposing of much farm produce locally, and has been a great aid to Mr. Robinson in financing the summer seasons work.

More Than Half OF THE Certified Seed Growers IN THE Top O' Michigan sell their seed thru a Grower Owned Grower Controlled Organization That:

GETS Maximum Prices for a large Volume at Minimum Costs, helps STABILIZE Michigan's Seed Market, and MAINTAIN close contact between Producer and Consumer.

**Michigan Potato Growers Exchange**  
CASSIAC, MICHIGAN

## SEVEN HUNDRED AND SIXTY-THREE EXHIBITS OF APPLES AND POTATOES VIE FOR HONORS AT ANNUAL SHOW

(continued from page 1)

Emmet County.  
2nd, P. B. Glasplie, Cheboygan.  
3rd, W. J. Dewey and Son, Bellaire.  
4th, Douglas Tibbets, Boyne City.  
5th, F. W. Crowl, Harbor Springs.  
6th, Evelyn Orchards, East Jordan.

Snow  
1st, Homer Waring.  
2nd, P. B. Glasplie.  
3rd, Evelyn Orchards.  
4th, Douglas Tibbets.  
5th, F. W. Crowl.  
6th, Frank Hemstreet, Bellaire.

Weathy  
1st, P. B. Glasplie.  
2nd, Douglas Tibbets.  
3rd, F. W. Crowl.  
4th, Evelyn Orchards.

Wolf River  
1st, P. B. Glasplie.  
2nd, Wilber Spidle, East Jordan.

3rd, Douglas Tibbets.  
4th, A. Smilowski, Gaylord.

5th, Evelyn Orchards, East Jordan.

6th, M. Smilowski, Gaylord.

Northern Spy  
1st, Homer Waring.  
2nd, P. B. Glasplie.  
3rd, W. J. Dewey and Son.  
4th, Evelyn Orchards.

5th, Douglas Tibbets.  
6th, W. J. Dewey and Son.

7th, Evelyn Orchards.

8th, Frank Crowl.

Wagener  
1st, W. J. Dewey and Son.  
2nd, Martin Hansen.

3rd, Douglas Tibbets.

4th, Evelyn Orchards.

5th, Frank Hemstreet.

6th, Homer Waring.

Golden Russet  
1st, Homer Waring.  
2nd, Evelyn Orchards.  
3rd, F. W. Crowl.  
4th, Douglas Tibbets.

5th, Paul Vesley, Petoskey.

6th, Homer Waring.

Grimes Golden  
1st, P. B. Glasplie.  
2nd, Evelyn Orchards.  
3rd, Homer Waring.

4th, Douglas Tibbets.

5th, Frank Hemstreet.

6th, Frank Zerby, Petoskey.

Jonathan  
1st, Evelyn Orchards.

2nd, P. B. Glasplie.

3rd, Dewey and Son.

4th, F. W. Crowl.

5th, Frank Hemstreet.

6th, Squires Orchards, Kalkaska.

Starks Delicious  
1st, Homer Waring.  
2nd, Evelyn Orchards.

3rd, P. B. Glasplie.

4th, Frank Crowe.

Any Other Variety  
1st, Homer Waring.

2nd, Homer Waring.

3rd, P. B. Glasplie.

4th, Homer Waring.

5th, Joe Holzschu, Petoskey.

6th, Douglas Tibbets.

Apples (Plates)  
Macintosh  
1st, Homer Waring.  
2nd, Douglas Tibbets.

3rd, Geo. Hansen.

Snow  
1st, F. W. Crowl.

2nd, Douglas Tibbets.

3rd, John Wieland, Ellsworth.

Weathy  
1st, Douglas Tibbets.

2nd, P. B. Glasplie.

3rd, Evelyn Orchards.

Wolf River  
1st, Douglas Tibbets.

2nd, P. B. Glasplie.

3rd, Harry Lenahan, Harbor Springs.

Northern Spy  
1st, Homer Waring.

2nd, P. B. Glasplie.

3rd, Douglas Tibbets.

N. W. Greening  
1st, Dewey and Son.

2nd, Frank Crowl.

3rd, Frank Zerby.

Wagener  
1st, Dewey and Son.

2nd, Douglas Tibbets.

3rd, P. B. Glasplie.

4th, Homer Waring.

Golden Russet  
1st, Evelyn Orchards.

2nd, Homer Waring.

3rd, F. W. Crowl.

Grimes Golden  
1st, Frank Hemstreet.

2nd, P. B. Glasplie.

3rd, Douglas Tibbets.

Jonathan  
1st, P. B. Glasplie.

2nd, W. J. Dewey.

3rd, Evelyn Orchards.

Starks Delicious  
1st, Evelyn Orchards.

2nd, Homer Waring.

3rd, F. W. Crowl.

Any Other Variety  
1st, Homer Waring.

2nd, Evelyn Orchards.

3rd, Douglas Tibbets.

Bushels  
1st, Homer Waring.

2nd, Wilber Spidle, East Jordan.

3rd, Douglas Tibbets.

4th, Evelyn Orchards.

5th, P. B. Glasplie.

6th, Squires Orchards.

7th, Douglas Tibbets.

8th, Douglas Tibbets.

9th, Homer Waring.

10th, Squires Orchards.

Collection of 50 Apples  
1st, Dewey and Son.

2nd, Evelyn Orchards.

3rd, Homer Waring.

4th, Douglas Tibbets.

Best apple was won by Douglas Tibbets on a Macintosh.

Fancy Pack Apples  
1st, Homer Waring.

2nd, Douglas Tibbets.

3rd, Martin Hansen.

4th, Evelyn Orchards.

5th, Frank Hemstreet.

JUNIOR DEPARTMENT  
4-H Club